

# ACCESSIBILITY AUDIT REPORT

## Uniswap Web Application

*app.uniswap.org*

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**Auditor:** Abbas Ali

**Audit Method:** Manual Screen Reader Testing — Android TalkBack (Single-finger gestures)

**Device:** Android Mobile (Chrome Browser)

**Date:** April 2026

**Standard:** WCAG 2.1 (Web Content Accessibility Guidelines)

**Severity Scale:** Critical / High / Medium / Low

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## 1. Executive Summary

This report presents the findings of a manual accessibility audit conducted on the Uniswap web application ([app.uniswap.org](https://app.uniswap.org)). The audit was performed exclusively using Android TalkBack with single-finger swipe gestures, simulating the real-world experience of a blind or visually impaired user navigating a decentralized exchange (DEX) platform.

Uniswap is one of the largest DeFi platforms globally. Ensuring its accessibility is critical for enabling blind and visually impaired users to participate in decentralized finance without barriers.

The audit identified 3 accessibility issues across the main interface and wallet connection flow. While the overall navigation structure is functional, unlabeled interactive elements present significant barriers for screen reader users.

**Overall Accessibility Rating: Needs Improvement**

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## 2. Audit Scope

The following areas of the Uniswap web application were tested:

- Main swap interface (Sell / Buy token section)
- Top navigation bar and header elements
- Promotional banner (Uniswap Wallet app download)
- Wallet connection modal and all wallet options
- Page footer section
- Full-page scroll from top to bottom

Areas not tested in this audit:

- Token swap transaction flow (requires connected wallet)
- Pool and liquidity management screens
- NFT marketplace section

- UniswapX advanced trading features

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### 3. Testing Methodology

All testing was conducted manually using the following tools and techniques:

- Screen Reader: Android TalkBack — latest version
- Navigation Method: Single-finger swipe gestures (standard TalkBack navigation)
- Browser: Chrome for Android
- Heading Navigation: Tested using TalkBack heading-by-heading navigation
- Button & Interactive Element Check: Focus placed on each element to verify TalkBack announcement
- Focus Order Verification: Sequential swipe through entire page to observe focus sequence
- Wallet Connection Flow: Accessed via both the Connect button and bottom-of-page scroll method

No automated testing tools were used. All findings are based on direct screen reader interaction by a blind auditor with lived experience using TalkBack daily.

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### 4. Positive Findings

The following elements passed accessibility testing and function correctly with TalkBack:

Element	TalkBack Announcement	Status
Connect Wallet Button	Announces 'Connect, button'	Pass
Search Button	Announces 'Search, button'	Pass
Get Started Button	Announces 'Get started, button'	Pass
Navigation Drawer / Menu	Announces correctly as navigation landmark	Pass
Social Media Icons (Footer)	All labeled with platform names	Pass
Wallet Options (Connect Screen)	Uniswap Mobile, WalletConnect, Coinbase, Binance, Porto — all labeled	Pass
Heading Structure	Headings announced correctly, heading navigation works	Pass
Focus Order	Logical sequential focus order across the page	Pass

Dual Wallet Access	Wallet connection accessible from both Connect button and page scroll	Pass
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## 5. Accessibility Issues Found

A total of 3 accessibility issues were identified. Each issue is documented below with its location, impact, and recommended fix.

### Issue 1 — Unlabeled Swap Button (Critical)

Field	Details	
Location	Main swap interface — between Sell and Buy token fields	
Element Type	Interactive button (swap direction toggle)	
TalkBack Output	Announces 'Unlabeled' — no descriptive label provided	
WCAG Criterion	4.1.2 Name, Role, Value (Level A)	
Severity	Critical	
Impact	This is the primary action button of the entire application. A blind user cannot understand its purpose or use it confidently.	
Recommended Fix	Add aria-label='Swap token direction' or a descriptive accessible name to this button element.	

### Issue 2 — Unlabeled Banner Close Button (High)

Field	Details	
Location	Top of page — 'Get Uniswap Wallet' promotional banner	
Element Type	Close / dismiss button (X icon)	
TalkBack Output	Announces 'Unlabeled' — no descriptive label provided	
WCAG Criterion	4.1.2 Name, Role, Value (Level A)	

Severity	High	
Impact	Blind users cannot dismiss this banner and may not understand what the button does. The banner may block content.	
Recommended Fix	Add aria-label='Close Uniswap Wallet banner' to the dismiss button.	

### Issue 3 — Four Unlabeled Buttons in Wallet Connection Area (High)

Field	Details	
Location	Wallet connection section — near Privacy Policy text	
Element Type	4 interactive buttons — purpose unknown	
TalkBack Output	All 4 announce as 'Unlabeled' with no role or description	
WCAG Criterion	4.1.2 Name, Role, Value (Level A)	
Severity	High	
Impact	Blind users encounter 4 buttons with no context. Activating them produces no predictable result. Users cannot interact with this section independently.	
Recommended Fix	Each button must have a unique, descriptive aria-label explaining its purpose. Buttons that serve no function should be removed from the accessibility tree using aria-hidden='true'.	

## 6. Issues Summary

Issue	Location	Severity
1. Unlabeled Swap Button	Between Sell and Buy fields	Critical
2. Unlabeled Banner Close Button	Get Uniswap Wallet banner	High

3. Four Unlabeled Buttons	Wallet connection / Privacy Policy area	High
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## 7. Recommendations

To improve TalkBack accessibility on the Uniswap web application, the following actions are recommended:

- Audit all icon-only buttons across the entire application and add descriptive aria-label attributes to each.
  - Implement a consistent labeling policy for all interactive elements — especially in wallet connection flows where user trust and clarity are critical.
  - Conduct regular accessibility testing with real screen reader users as part of the development cycle.
  - Follow WCAG 2.1 Level AA as the minimum standard for all interactive components.
  - Ensure that any future UI updates do not remove existing accessible labels from currently passing elements.
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## 8. Auditor Note

This audit was conducted by Abbas Ali, a blind accessibility specialist and TalkBack user based in Pakistan. All findings are based on direct, first-hand experience navigating the Uniswap application using TalkBack daily as the primary means of device interaction.

The goal of this audit is not only to identify barriers but to advocate for an inclusive DeFi ecosystem where blind and visually impaired users can participate fully and independently in decentralized finance.

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*End of Report*