# ChatGPT: Saving url in cookie for later return

**Function to Save window.location.href in a Cookie with Proper Encoding**

To store the current page’s URL (window.location.href) in a cookie and later retrieve it **without losing special characters**, we need to **encode it properly** using encodeURIComponent().

**✅ Function to Save the URL in a Cookie**

function saveCurrentLocation() {

const url = window.location.href;

document.cookie = "savedUrl=" + encodeURIComponent(url) + "; path=/; secure; samesite=strict";

console.log("URL saved in cookie:", url);

}

✔ **Uses encodeURIComponent(url)** to safely store special characters.  
✔ **Includes path=/** so the cookie is accessible across all pages.  
✔ **Uses secure; samesite=strict** to enhance security (optional).

**✅ Function to Retrieve and Redirect to the Saved URL**

function restoreSavedLocation() {

const cookies = document.cookie.split("; ");

for (let cookie of cookies) {

const [key, value] = cookie.split("=");

if (key === "savedUrl") {

const decodedUrl = decodeURIComponent(value);

console.log("Redirecting to:", decodedUrl);

window.location.href = decodedUrl; // Navigate to saved URL

return;

}

}

console.warn("No saved URL found in cookies.");

}

✔ **Uses decodeURIComponent(value)** to restore the exact URL.  
✔ **Redirects using window.location.href**.  
✔ **Logs a warning if no saved URL is found**.

**✅ Example Usage**

<button onclick="saveCurrentLocation()">Save Location</button>

<button onclick="restoreSavedLocation()">Restore Location</button>

**✅ How It Works**

1. **Click "Save Location"** → Stores window.location.href in a cookie with encoding.
2. **Click "Restore Location"** → Retrieves and decodes the URL, then navigates back.

🚀 **Now you can return to the saved page using only the cookie!** Let me know if you need expiration handling. 😊