

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. 😊