

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>QR Code Scanner</title>
  <script src="https://unpkg.com/html5-qrcode"></script>
  <script src="https://cdn.jsdelivr.net/npm/jsqr"></script>
  <style>
    body {
      background-color: #0f172a;
      color: white;
      text-align: center;
      padding: 20px;
    }
    .scanner-container {
      background-color: #1e293b;
      padding: 20px;
      border-radius: 10px;
      max-width: 400px;
      margin: auto;
      border: 2px solid #00ff99;
      box-shadow: 0px 4px 20px rgba(0, 255, 150, 0.3);
    }
    #qr-video {
      width: 100%;
      border-radius: 8px;
    }
    .file-input, .clear-btn, .download-btn {
      display: block;
      width: 100%;
      margin: 10px 0;
      padding: 10px;
      border-radius: 8px;
      cursor: pointer;
      border: none;
      font-size: 16px;
    }
    .file-input { background: #00ff99; color: black; }
    .clear-btn { background: #ff4d4d; }
    .download-btn { background: #00ff99; }
    input {
      width: 100%;
      padding: 12px;
    }
  </style>
</head>
<body>
  <div class="scanner-container">
    <video id="qr-video">
    <div class="file-input">
      <input type="file"/>
    <div class="clear-btn">
      Clear
    <div class="download-btn">
      Download
    <input type="text" value="QR Code Scanner" />
  </div>
</body>
</html>
```

```

        margin-top: 10px;
        border-radius: 8px;
        border: 2px solid #00ff99;
        background: transparent;
        color: white;
        text-align: center;
    }
</style>
</head>
<body>

<div class="scanner-container">
    <h2>QR Code Scanner</h2>

    <!-- Camera Scanner -->
    <div id="qr-reader" style="width: 100%;"></div>
    <p>OR</p>

    <!-- File Upload Scanner -->
    <input type="file" id="file-input" class="file-input" accept="image/*"
onchange="scanImage(event)">
    <input type="text" id="qr-result" placeholder="Scanned QR Code" readonly>

    <button class="download-btn" onclick="downloadQR()">Download QR</button>
    <button class="clear-btn" onclick="clearResult()">Clear</button>
</div>

<script>
function scanImage(event) {
    const file = event.target.files[0];
    if (!file) return;

    const reader = new FileReader();
    reader.onload = function() {
        const img = new Image();
        img.src = reader.result;
        img.onload = function() {
            const canvas = document.createElement("canvas");
            const context = canvas.getContext("2d");
            canvas.width = img.width;
            canvas.height = img.height;
            context.drawImage(img, 0, 0, img.width, img.height);

            const imageData = context.getImageData(0, 0, img.width, img.height);

```

```

        const code = jsQR(imageData.data, imageData.width, imageData.height);
        if (code) {
            document.getElementById("qr-result").value = code.data;
        } else {
            alert("No QR code found in image!");
        }
    };
};
reader.readAsDataURL(file);
}

function clearResult() {
    document.getElementById("qr-result").value = "";
    document.getElementById("file-input").value = "";
}

function downloadQR() {
    const qrText = document.getElementById("qr-result").value;
    if (!qrText) {
        alert("No QR code scanned yet!");
        return;
    }
    const link = document.createElement("a");
    link.href = "https://api.qrserver.com/v1/create-qr-code/?size=200x200&data=" +
    encodeURIComponent(qrText);
    link.download = "qr-code.png";
    link.click();
}

// Camera Scanner Activation
function onScanSuccess(decodedText, decodedResult) {
    document.getElementById("qr-result").value = decodedText;
}

function onScanFailure(error) {
    console.warn(`QR scan error: ${error}`);
}

let html5QrcodeScanner = new Html5QrcodeScanner(
    "qr-reader", { fps: 10, qrbox: 250 }
);
html5QrcodeScanner.render(onScanSuccess, onScanFailure);
</script>

```

```
</body>  
</html>
```