

```
<!DOCTYPE html>

<html>
<head>
    <meta http-equiv="CONTENT-TYPE"
content="text/html; charset=UTF-8">
    <title>Currency Converter</title>

    <link rel="preconnect"
href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://
fonts.gstatic.com" crossorigin>
    <link href="https://
fonts.googleapis.com/css2?
family=Open+Sans:ital,wght@0,300..80
0;1,300..800&display=swap"
rel="stylesheet">
```

```
<style>

*{
    margin:0;
    padding:0;
}

body{
    display:flex;
    justify-content:center;
    align-items:center;
    margin:0;
    height:100vh;
    background-image:url(curr.jpg);
}

#box{
    padding:2rem;
    height:300px;
    width:250px;
```

```
border:2px solid white;
border-radius:0.5rem;
background-color:white;

}

form #search{
height:20px;
width:240px;
font-size:0.90rem;
border-radius:0.3rem;
margin-left:-5px;
padding:0.7rem;
border:1px solid lightgrey;
}

.container{
display:flex;
border:1px solid lightgrey;
max-height:30px;
```

```
margin-left:-10px;  
}  
.container img{  
height:30px;  
width:30px;  
}  
.container select{  
height:30px;  
border:none;  
background-color:white;  
outline:none;  
font-weight:600;  
}  
.container select:checked{  
border:none;  
background-color:white;  
outline:none;  
font-weight:600;
```

}

#box2{
height:35px;
width:240px;
display:flex;
padding:0.7rem;
margin-top:-10px;
margin-left:-5px;
justify-content:space-between;
align-items:center;
gap:54px;

}

form #submit{

height:45px;
width:265px;
font-size:0.90rem;
font-size:0.90rem;

```
margin-left:-5px;  
padding:0.7rem;  
margin-top:20px;  
font-weight:600;  
border:1px solid lightgrey;  
border-radius:0.3rem;  
background-color:#af4d98;  
cursor:pointer;  
}  
  
form #tag{  
display:flex;  
gap:157px;  
margin-left:-5px;  
font-weight:600;  
margin-top:30px;  
}  
  
form .other{  
margin-left:-5px;
```

```
margin-top:20px;  
font-weight:600;
```

```
}
```

```
<style>  
</head>  
<body>
```

```
<div id="box">  
  <form>  
    <h1 style="font-size:1.5rem">  
      Currency Converter</h1>  
    <p class="other">Enter Amount</p>  
    <input type="text"  
      id="search" value="1">  
    <div id="tag"><p>from</p>  
    <p>to</p></div>
```

```
<div id="box2">  
  <div id="from">  
    <div class="container">  
        
      <select name="from">  
        </select>  
    </div>  
  </div>  
  <i class="fa-solid fa-right-  
left"></i>  
  <div id="to">  
    <div class="container">  
      

<select name="to">  
</select>

</div>

</div>

</div>

<p class="other" id="info">1USD =  
80INR</p>

<input type="submit" value="Get  
Exchange Rate" id="submit">

</form>

</div>

<script>const countryList = {

AED: "AE",

AFN: "AF",

XCD: "AG",

ALL: "AL",

AMD: "AM",

ANG: "AN",

AOA: "AO",

AQD: "AQ",

ARS: "AR",

AUD: "AU",

AZN: "AZ",

BAM: "BA",

BBD: "BB",

BDT: "BD",

XOF: "BE",

BGN: "BG",

BHD: "BH",

BIF: "BI",

BMD: "BM",

BND: "BN",

BOB: "BO",

BRL: "BR",

BSD: "BS",

NOK: "BV",

BWP: "BW",

BYR: "BY",

BZD: "BZ",

CAD: "CA",

CDF: "CD",

XAF: "CF",

CHF: "CH",

CLP: "CL",

CNY: "CN",

COP: "CO",

CRC: "CR",

CUP: "CU",

CVE: "CV",

CYP: "CY",

CZK: "CZ",

DJF: "DJ",

DKK: "DK",

DOP: "DO",

DZD: "DZ",

ECS: "EC",

EEK: "EE",

EGP: "EG",

ETB: "ET",

EUR: "FR",

FJD: "FJ",

FKP: "FK",

GBP: "GB",

GEL: "GE",

GGP: "GG",

GHS: "GH",

GIP: "GI",  
GMD: "GM",  
GNF: "GN",  
GTQ: "GT",  
GYD: "GY",  
HKD: "HK",  
HNL: "HN",  
HRK: "HR",  
HTG: "HT",  
HUF: "HU",  
IDR: "ID",  
ILS: "IL",  
INR: "IN",  
IQD: "IQ",  
IRR: "IR",  
ISK: "IS",  
JMD: "JM",  
JOD: "JO",

JPY: "JP",  
KES: "KE",  
KGS: "KG",  
KHR: "KH",  
KMF: "KM",  
KPW: "KP",  
KRW: "KR",  
KWD: "KW",  
KYD: "KY",  
KZT: "KZ",  
LAK: "LA",  
LBP: "LB",  
LKR: "LK",  
LRD: "LR",  
LSL: "LS",  
LTL: "LT",  
LVL: "LV",  
LYD: "LY",

MAD: "MA",

MDL: "MD",

MGA: "MG",

MKD: "MK",

MMK: "MM",

MNT: "MN",

MOP: "MO",

MRO: "MR",

MTL: "MT",

MUR: "MU",

MVR: "MV",

MWK: "MW",

MXN: "MX",

MYR: "MY",

MZN: "MZ",

NAD: "NA",

XPF: "NC",

NGN: "NG",

NIO: "NI",  
NPR: "NP",  
NZD: "NZ",  
OMR: "OM",  
PAB: "PA",  
PEN: "PE",  
PGK: "PG",  
PHP: "PH",  
PKR: "PK",  
PLN: "PL",  
PYG: "PY",  
QAR: "QA",  
RON: "RO",  
RSD: "RS",  
RUB: "RU",  
RWF: "RW",  
SAR: "SA",  
SBD: "SB",

SCR: "SC",  
SDG: "SD",  
SEK: "SE",  
SGD: "SG",  
SKK: "SK",  
SLL: "SL",  
SOS: "SO",  
SRD: "SR",  
STD: "ST",  
SVC: "SV",  
SYP: "SY",  
SZL: "SZ",  
THB: "TH",  
TJS: "TJ",  
TMT: "TM",  
TND: "TN",  
TOP: "TO",  
TRY: "TR",

```
 TTD: "TT",
 TWD: "TW",
 TZS: "TZ",
 UAH: "UA",
 UGX: "UG",
 USD: "US",
 UYU: "UY",
 UZS: "UZ",
 VEF: "VE",
 VND: "VN",
 VUV: "VU",
 YER: "YE",
 ZAR: "ZA",
 ZMK: "ZM",
 ZWD: "ZW",
};

const real ="https://
api.exchangerate-api.com/v4/latest/
```

```
INR";
const
selects=document.querySelectorAll(
"#box2 select");

const
msg=document.querySelector("form
#info");
const
from=document.querySelector("#fro
m select");
const
to=document.querySelector("#to
select");
const
submit=document.querySelector("for
m #submit");
```

```
for(let select of selects){
 for(currCode in countryList){
 let
 option=document.createElement("option");
 option.innerText=currCode;
 option.value=currCode;

 if(select.name==="from" &&
currCode==="USD"){
 option.selected="selected";
 }
 else if(select.name==="to" &&
currCode==="INR"){
 option.selected="selected";
 }
 select.append(option);
 }
}
```

```
 select.addEventListener("change",
 (evt) => {
 updateFlag(evt.target);
 });
}
```

```
const updateFlag = (element) => {
 let currCode = element.value;
 let countryCode =
countryList[currCode];
 let newSrc = `https://flagsapi.com/$
{countryCode}/flat/64.png`;
 let img =
element.parentElement.querySelector
("img");
 img.src = newSrc;
};
```

```
const updateCurrency = async ()=>{
 const
 input=document.querySelector("form
input");
 const inVal=input.value;

 if(inVal===""||inVal<1){
 inVal=1;
 input.value="1";
 }

 const url='https://api.exchangerate-
api.com/v4/latest/${from.value}';
 let response= await fetch(url);
 let data=await response.json();
 msg.innerText = `${inVal} $
{from.value}=${$
{inVal*data.rates[to.value]}} $
```

```
{to.value}`;
}
}
```

```
submit.addEventListener("click",
(evt)=>{
 evt.preventDefault();
 updateCurrency();
});
```

```
window.addEventListener("load", ()
=> {
 updateCurrency();
});
</script>
</body>
</html>
```

