Please create a digital clock and day/month/year using html, css and javascript. Day should be written in words. date should be under time . In CSS use % values so it can be used on any size screen. Both the clock and date should have the following features: 1. You can move them with arrow keys 2. You can change the color by clicking date or time 3. background color should be black during night time and white during the day 4. Using + and - keys you can change the size 5. default position should be center of the screen 6. Clicking ENG/EST button you should be able to translate day of the week from estonian to english

Here's the code for a digital clock with the specified features. I've separated it into three sections: HTML, CSS, and JavaScript. You can copy and paste each section into the respective file types (.html, .css, and .js), or you can combine them into a single HTML file with the CSS and JavaScript code within style and script tags.

**HTML**

htmlCopy code

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1.0">  
 <title>Digital Clock</title>  
 <link rel="stylesheet" href="clock.css">  
</head>  
<body>  
 <div id="clock-container">  
 <button id="lang-button">ENG/EST</button>  
 <div id="time"></div>  
 <div id="date"></div>  
 </div>  
 <script src="clock.js"></script>  
</body>  
</html>

**CSS (clock.css)**

cssCopy code

\* {  
 margin: 0;  
 padding: 0;  
 box-sizing: border-box;  
}  
  
body {  
 display: flex;  
 justify-content: center;  
 align-items: center;  
 height: 100vh;  
 background-color: white;  
 transition: background-color 0.5s;  
}  
  
#clock-container {  
 font-family: Arial, sans-serif;  
 position: relative;  
 text-align: center;  
}  
  
#lang-button {  
 position: absolute;  
 top: 0;  
 left: 0;  
 background-color: transparent;  
 border: none;  
 font-size: 1rem;  
 cursor: pointer;  
}  
  
#time {  
 font-size: 5vw;  
 font-weight: bold;  
}  
  
#date {  
 font-size: 2vw;  
}  
  
#time, #date {  
 cursor: pointer;  
}

**JavaScript (clock.js)**

javascriptCopy code

const clockContainer = document.getElementById("clock-container");  
const time = document.getElementById("time");  
const date = document.getElementById("date");  
const langButton = document.getElementById("lang-button");  
  
let lang = "ENG";  
let size = 100;  
  
const daysENG = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"];  
const daysEST = ["Pühapäev", "Esmaspäev", "Teisipäev", "Kolmapäev", "Neljapäev", "Reede", "Laupäev"];  
  
function updateClock() {  
 const now = new Date();  
 const hours = now.getHours().toString().padStart(2, "0");  
 const minutes = now.getMinutes().toString().padStart(2, "0");  
 const seconds = now.getSeconds().toString().padStart(2, "0");  
 time.textContent = `${hours}:${minutes}:${seconds}`;  
  
 const day = now.getDay();  
 const dayString = lang === "ENG" ? daysENG[day] : daysEST[day];  
 const dayNum = now.getDate();  
 const month = now.getMonth() + 1;  
 const year = now.getFullYear();  
 date.textContent = `${dayString}, ${dayNum}.${month}.${year}`;  
  
 const isNight = hours >= 18 || hours < 6;  
 document.body.style.backgroundColor = isNight ? "black" : "white";  
 time.style.color = isNight ? "white" : "black";  
 date.style.color = isNight ? "white" : "black";  
}  
  
setInterval(updateClock, 1000);  
  
langButton.addEventListener("click", () => {  
 lang = lang === "ENG" ? "EST"

F,{944e2ffd-7857-400f-9378-13bc75f3d6ba}{77},3.125,3.125F,{944e2ffd-7857-400f-9378-13bc75f3d6ba}{78},3.125,3.125

: "ENG"; updateClock(); });

time.addEventListener("click", () => { time.style.color = getRandomColor(); });

date.addEventListener("click", () => { date.style.color = getRandomColor(); });

function getRandomColor() { const letters = "0123456789ABCDEF"; let color = "#"; for (let i = 0; i < 6; i++) { color += letters[Math.floor(Math.random() \* 16)]; } return color; }

document.addEventListener("keydown", (event) => { const step = 10; const key = event.key;

if (key === "ArrowUp") { clockContainer.style.top = (parseFloat(clockContainer.style.top || 0) - step) + "px"; } else if (key === "ArrowDown") { clockContainer.style.top = (parseFloat(clockContainer.style.top || 0) + step) + "px"; } else if (key === "ArrowLeft") { clockContainer.style.left = (parseFloat(clockContainer.style.left || 0) - step) + "px"; } else if (key === "ArrowRight") { clockContainer.style.left = (parseFloat(clockContainer.style.left || 0) + step) + "px"; } else if (key === "+") { size += 10; updateSize(); } else if (key === "-") { size -= 10; updateSize(); } });

function updateSize() { time.style.fontSize = (5 \* size / 100) + "vw"; date.style.fontSize = (2 \* size / 100) + "vw"; langButton.style.fontSize = (1 \* size / 100) + "rem"; }

updateClock();

F,{944e2ffd-7857-400f-9378-13bc75f3d6ba}{124},3.125,3.125F,{944e2ffd-7857-400f-9378-13bc75f3d6ba}{125},3.125,3.125

give me full javascript again please

Sure, here's the complete JavaScript code for the digital clock:

javascriptCopy code

const clockContainer = document.getElementById("clock-container");  
const time = document.getElementById("time");  
const date = document.getElementById("date");  
const langButton = document.getElementById("lang-button");  
  
let lang = "ENG";  
let size = 100;  
  
const daysENG = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"];  
const daysEST = ["Pühapäev", "Esmaspäev", "Teisipäev", "Kolmapäev", "Neljapäev", "Reede", "Laupäev"];  
  
function updateClock() {  
 const now = new Date();  
 const hours = now.getHours().toString().padStart(2, "0");  
 const minutes = now.getMinutes().toString().padStart(2, "0");  
 const seconds = now.getSeconds().toString().padStart(2, "0");  
 time.textContent = `${hours}:${minutes}:${seconds}`;  
  
 const day = now.getDay();  
 const dayString = lang === "ENG" ? daysENG[day] : daysEST[day];  
 const dayNum = now.getDate();  
 const month = now.getMonth() + 1;  
 const year = now.getFullYear();  
 date.textContent = `${dayString}, ${dayNum}.${month}.${year}`;  
  
 const isNight = hours >= 18 || hours < 6;  
 document.body.style.backgroundColor = isNight ? "black" : "white";  
 time.style.color = isNight ? "white" : "black";  
 date.style.color = isNight ? "white" : "black";  
}  
  
setInterval(updateClock, 1000);  
  
langButton.addEventListener("click", () => {  
 lang = lang === "ENG" ? "EST" : "ENG";  
 updateClock();  
});  
  
time.addEventListener("click", () => {  
 time.style.color = getRandomColor();  
});  
  
date.addEventListener("click", () => {  
 date.style.color = getRandomColor();  
});  
  
function getRandomColor() {  
 const letters = "0123456789ABCDEF";  
 let color = "#";  
 for (let i = 0; i < 6; i++) {  
 color += letters[Math.floor(Math.random() \* 16)];  
 }  
 return color;  
}  
  
document.addEventListener("keydown", (event) => {  
 const step = 10;  
 const key = event.key;  
  
 if (key === "ArrowUp") {  
 clockContainer.style.top = (parseFloat(clockContainer.style.top || 0) - step) + "px";  
 } else if (key === "ArrowDown") {  
 clockContainer.style.top = (parseFloat(clockContainer.style.top || 0) + step) + "px";  
 } else if (key === "ArrowLeft") {  
 clockContainer.style.left = (parseFloat(clockContainer.style.left || 0) - step) + "px";  
 } else if (key === "ArrowRight") {  
 clockContainer.style.left = (parseFloat(clockContainer.style.left || 0) + step) + "px";  
 } else if (key === "+") {  
 size += 10;  
 updateSize();  
 } else if (key === "-") {  
 size -= 10;  
 updateSize();  
 }  
});  
  
function updateSize() {  
 time.style.fontSize = (5 \* size / 100) + "vw";  
 date.style.fontSize = (2 \* size / 100) + "vw";  
 langButton.style.fontSize = (1 \* size / 100) + "rem";  
}  
  
updateClock();

You can copy and paste this JavaScript code into a .js file or include it in a script tag