

Index.html

```
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Calculadora</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="calculator">
    <h2>Calculadora</h2>
    <input type="text" id="display" disabled>
    <div class="buttons">
      <button class="btn" onclick="appendNumber('7')">7</button>
      <button class="btn" onclick="appendNumber('8')">8</button>
      <button class="btn" onclick="appendNumber('9')">9</button>
      <button class="btn operator"
onclick="appendOperator('÷')">÷</button>

      <button class="btn" onclick="appendNumber('4')">4</button>
      <button class="btn" onclick="appendNumber('5')">5</button>
      <button class="btn" onclick="appendNumber('6')">6</button>
      <button class="btn operator"
onclick="appendOperator('x')">x</button>

      <button class="btn" onclick="appendNumber('1')">1</button>
      <button class="btn" onclick="appendNumber('2')">2</button>
      <button class="btn" onclick="appendNumber('3')">3</button>
      <button class="btn operator" onclick="appendOperator('-')">-
</button>

      <button class="btn" onclick="appendNumber('0')">0</button>
      <button class="btn" onclick="clearDisplay()">C</button>
      <button class="btn equal" onclick="calculate()">=</button>
      <button class="btn operator"
onclick="appendOperator('+')">+</button>
    </div>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

Script.js

```
let display = document.getElementById("display");
let currentInput = "";

function appendNumber(number) {
  currentInput += number;
  display.value = currentInput;
}

function appendOperator(operator) {
  if (currentInput === "") return;
  const lastChar = currentInput.slice(-1);
  if ("+-x÷".includes(lastChar)) return;
  currentInput += operator;
  display.value = currentInput;
}

function clearDisplay() {
  currentInput = "";
  display.value = "";
}

function calculate() {
  let expression = currentInput.replace(/x/g, "*").replace(/÷/g, "/");
  try {
    let result = eval(expression);
    display.value = result;
    currentInput = result.toString();
  } catch {
    display.value = "Error";
    currentInput = "";
  }
}
```

Style.css

```
body {
  background: radial-gradient(circle at 30% 50%, #000428, #004e92);
  background-size: 400% 400%;
  animation: bgMove 8s ease infinite;
  font-family: 'Orbitron', sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
  color: #00e0ff;
}
```

/* Animación suave del fondo */

```
@keyframes bgMove {
  0% { background-position: 0% 50%; }
  50% { background-position: 100% 50%; }
  100% { background-position: 0% 50%; }
}
```

```
.calculator {
  background: rgba(15, 15, 25, 0.9);
  border: 2px solid #00f0ff;
  border-radius: 20px;
  box-shadow: 0 0 25px rgba(0, 240, 255, 0.4);
  padding: 25px;
  width: 320px;
  text-align: center;
  backdrop-filter: blur(10px);
}
```

```
h2 {
  margin-bottom: 15px;
  color: #00f0ff;
  text-shadow: 0 0 10px #00f0ff, 0 0 20px #00f0ff;
}
```

```
#display {
  width: 100%;
  height: 60px;
  font-size: 26px;
  text-align: right;
  margin-bottom: 25px;
  border: none;
  border-radius: 10px;
  padding: 12px;
  background: rgba(0, 20, 40, 0.8);
}
```

```
color: #00ffea;
box-shadow: inset 0 0 10px rgba(0, 255, 255, 0.5);
outline: none;
}

.buttons {
  display: grid;
  grid-template-columns: repeat(4, 1fr);
  gap: 12px;
}

/* Efecto neón en los botones */
.btn {
  background: rgba(0, 10, 30, 0.8);
  border: 1px solid #00f0ff;
  border-radius: 12px;
  font-size: 20px;
  padding: 15px;
  cursor: pointer;
  color: #00f0ff;
  text-shadow: 0 0 8px #00f0ff;
  transition: all 0.25s ease;
  box-shadow: 0 0 8px rgba(0, 255, 255, 0.3);
}

.btn:hover {
  background: #00f0ff;
  color: #000428;
  box-shadow: 0 0 20px #00f0ff, 0 0 40px #00f0ff;
  transform: scale(1.05);
}

.operator {
  color: #ff0080;
  border-color: #ff0080;
  text-shadow: 0 0 8px #ff0080;
}

.operator:hover {
  background: #ff0080;
  color: #fff;
  box-shadow: 0 0 20px #ff0080, 0 0 40px #ff0080;
}

.equal {
  background: #00ff99;
  border: 1px solid #00ff99;
  color: #001f1f;
  font-weight: bold;
}
```

```
text-shadow: none;
box-shadow: 0 0 10px #00ff99;
}

.equal:hover {
background: #00ffcc;
box-shadow: 0 0 25px #00ffcc, 0 0 50px #00ffcc;
transform: scale(1.08);
}
```