

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Body Surface Area (BSA) Calculator</title>
  <style>
    .calculator {
      font-family: Arial, sans-serif;
      background-color: #f1f1f1;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
      max-width: 450px;
      margin: auto;
    }
    .input-block {
      margin-bottom: 20px;
    }
    label {
      display: block;
      font-weight: bold;
      color: #333;
      margin-bottom: 5px;
    }
    .two-blocks {
      display: flex;
      justify-content: space-between;
      gap: 10px;
    }
    .two-blocks > div {
      width: 48%;
    }
  </style>
</head>
<body>
  <div class="calculator">
    <div class="input-block">
      <label>Weight (kg):</label>
      <input type="text" value="70">
    </div>
    <div class="input-block">
      <label>Height (cm):</label>
      <input type="text" value="175">
    </div>
    <div class="two-blocks">
      <div class="input-block">
        <label>BSA (m²):</label>
        <input type="text" value="1.73">
      </div>
      <div class="input-block">
        <label>BSA (ft²):</label>
        <input type="text" value="18.5">
      </div>
    </div>
  </div>
</body>
</html>
```

```
input[type="number"], select {
  width: 100%;
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
  font-size: 16px;
}
button {
  background-color: #4CAF50;
  color: white;
  padding: 12px;
  font-size: 18px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  width: 100%;
  transition: background-color 0.3s;
}
button:hover {
  background-color: #45a049;
}
.result {
  margin-top: 20px;
  font-weight: bold;
  font-size: 18px;
  color: #333;
}
</style>
</head>
<body>
<div class="calculator">
```

```
<!-- Weight Input with Units -->
<div class="two-blocks">
  <div class="input-block">
    <label for="weight">Weight:</label>
    <input type="number" id="weight" placeholder="Enter weight" required>
  </div>
  <div class="input-block">
    <label for="weight-unit">Weight Unit:</label>
    <select id="weight-unit" onchange="updateWeightPlaceholder()">
      <option value="kg">Kilograms (kg)</option>
      <option value="lbs">Pounds (lbs)</option>
    </select>
  </div>
</div>
```

```
<!-- Height Input with Units -->
<div class="two-blocks">
  <div class="input-block">
    <label for="height">Height:</label>
    <input type="number" id="height" placeholder="Enter height" required>
  </div>
  <div class="input-block">
    <label for="height-unit">Height Unit:</label>
    <select id="height-unit" onchange="updateHeightPlaceholder()">
      <option value="cm">Centimeters (cm)</option>
      <option value="inches">Inches (in)</option>
    </select>
  </div>
</div>
```

```
<!-- Age and Gender Input -->
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```
<div class="input-block">
  <label for="age">Age (in years):</label>
  <input type="number" id="age" placeholder="Enter your age" required>
</div>
```

```
<div class="input-block">
  <label for="gender">Gender:</label>
  <select id="gender" required>
    <option value="male">Male</option>
    <option value="female">Female</option>
  </select>
</div>
```

```
<!-- Activity Level -->
<div class="input-block">
  <label for="activity-level">Activity Level:</label>
  <select id="activity-level">
    <option value="sedentary">Sedentary</option>
    <option value="light">Lightly active</option>
    <option value="moderate">Moderately active</option>
    <option value="active">Very active</option>
    <option value="extra-active">Extra active</option>
  </select>
</div>
```

```
<!-- Calculate Button -->
<button onclick="calculateBSA()">Calculate BSA</button>
```

```
<!-- Result Display -->
<div class="result" id="result"></div>
</div>
```

```
<script>
function updateWeightPlaceholder() {
  const weightUnit = document.getElementById("weight-unit").value;
  const weightInput = document.getElementById("weight");
  weightInput.placeholder = `Enter weight in ${weightUnit === 'kg' ? 'kg' : 'lbs'}`;
}

function updateHeightPlaceholder() {
  const heightUnit = document.getElementById("height-unit").value;
  const heightInput = document.getElementById("height");
  heightInput.placeholder = `Enter height in ${heightUnit === 'cm' ? 'cm' : 'inches'}`;
}

function calculateBSA() {
  const weight = parseFloat(document.getElementById("weight").value);
  const height = parseFloat(document.getElementById("height").value);
  const age = parseInt(document.getElementById("age").value);
  const gender = document.getElementById("gender").value;
  const weightUnit = document.getElementById("weight-unit").value;
  const heightUnit = document.getElementById("height-unit").value;

  if (!weight || !height || !age) {
    document.getElementById("result").innerHTML = "Please fill in all fields.";
    return;
  }

  // Convert weight to kg if input is in lbs
  const weightInKg = weightUnit === 'lbs' ? weight / 2.20462 : weight;
```

```
// Convert height to cm if input is in inches
const heightInCm = heightUnit === 'inches' ? height * 2.54 : height;

// Using the Du Bois formula for BSA calculation
let bsa = 0.20247 * Math.pow(heightInCm, 0.725) * Math.pow(weightInKg, 0.425);

document.getElementById("result").innerHTML = `Your Body Surface Area (BSA) is approximately: ${bsa.toFixed(2)} m²`;
}
</script>
</body>
<p><center><a href="https://www.calculatorshubs.com/">Calculatorshubs</a></center></p>

</html>
```