Exercise Description: Build a Product Display Page Using CSS Grid

Objective:

Create a responsive product display page using HTML and CSS Grid, including specific color choices for elements.

Instructions:

1. HTML Structure:
   * Begin with the standard HTML5 structure including <!DOCTYPE html>, <html>, <head>, and <body> tags.
   * Include meta tags for character set and viewport (<meta charset="UTF-8">, <meta name="viewport" content="width=device-width, initial-scale=1.0">).
   * Set a title for the page (e.g., <title>Product Display</title>).
   * Link an external CSS file (style.css) to the HTML document (<link rel="stylesheet" href="style.css">).
2. Content:
   * Create an article section with the class product to contain the product details.
   * Inside the article, include:
     + An <h2> element with the class product-title for the product name.
     + An <img> element for the product image with appropriate attributes (src, alt, height, width) and the class product-img.
     + A <div> with the class product-info to hold price, description, and other details.
     + Price should be within a <div> with the class product-price and a <p> element with the class price displaying the price in bold.
     + Include a paragraph with the class shipping for shipping information.
     + Add a "Sale" tag with the class sale to indicate discounted items.
     + Insert a paragraph with the class product-description for the product description.
     + Link to more information using an anchor <a> with the class more-info, opening in a new tab.
     + Create a <div> with the class product-colors to display color options. Include nested <div> elements with specific classes for colors (color, color-blue, color-red, color-yellow, color-green, color-brown).
3. CSS Styling with Grid:
   * Use the universal selector \* to reset margin, padding, and box-sizing (box-sizing: border-box;).
   * Set the body with a suitable font family (font-family: sans-serif;) and line height (line-height: 1.4;).
   * Apply CSS Grid to the .product class with the following properties:
     + display: grid;
     + grid-template-columns: 250px 1fr 1fr;
     + column-gap: 40px;
   * Customize styles for .product, .product-title, .product-info, .product-price, .product-description, .more-info, .product-colors, and .product-details as per the provided CSS code.
   * Define specific background colors for color options using classes (e.g., .color-blue with background-color: #2f6ee2;, .color-red with background-color: #ec2f2f;, and so on).
4. Testing:
   * Open the HTML file in a web browser to ensure the layout and styling match the provided design.
   * Verify that the color options are displayed correctly and respond to hover effects.

An Image Example:

