



CSS Background

CSS Background



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Your Notes

CSS Background



The screenshot shows a Google Slides presentation. The current slide is titled "CSS Background" and is attributed to "By Yash Sharma". The slide content includes the "skill academy" logo and the text "CSS Background". On the left, there is a navigation pane showing five slides. The first slide is titled "CSS Background" and has a green header. The other four slides are partially visible and appear to be continuation of the same topic.

The screenshot shows a Google Slides presentation with the title 'CSS Background'. The slide content includes a list of five ways to add background effects to HTML elements using the 'background' property:

1. background-color
2. background-image
3. background-repeat
4. background-attachment
5. background-position

Below the list is a flowchart illustrating the structure of the 'background' property:

```

graph LR
    A[CSS Background] --> B[background]
    B --> C[color]
    B --> D[image]
    B --> E[repeat]
    B --> F[attachment]
    B --> G[shorthand property]
    B --> H[size]
  
```

background color

The screenshot shows a code editor with a file named 'style.css' containing the following CSS rules:

```

h2 {
    color: #rgb(23, 23, 102);
    background-color: #yellow;
    background-color: ##b7edc4;
    background-color: ##b7edc4;
    /* r - red
     * g - green
     * b - blue
     * (0 - 255) */
    opacity:1.0;
    /* (0.0 - 1.0) */
}

p {
    background-color: #lightcyan;
}
  
```

bad practice using dark bg images

The screenshot shows a code editor with a file named 'style.css' containing the following CSS rules:

```

.container {
    color: #rgb(23, 23, 102);
    background-color: #yellow;
    background-color: ##b7edc4;
    background-color: ##b7edc4;
    /* r - red
     * g - green
     * b - blue
     * (0 - 255) */
    opacity:1.0;
    /* (0.0 - 1.0) */

.container {
    background-color: #aad0ff;
    width: 600px;
    height: 500px;
    background-image: url('https://img.freepik.com/free-photo/abstract-dark-stone-wall-texture_1014-11124.jpg');
    background-image:url();
}
  
```

The background-image property is used to set an image as the background of any HTML elements.

- By default the image covers the entire element. If the image size is small, by default the image is repeated to cover the entire element.
- The image that has to be set as the background has to be located in the same project folder.

```

graph LR
    A[CSS Background] --> B[color]
    B --> C[image]
    C --> D[repeat]
    D --> E[attachment]
    E --> F[shorthand property]
    F --> G[size]
  
```

"/>

Example: Code, style and output of background-image.

```


  
```

CSS Background Image

This background-image property is used to set an image as the background of any HTML elements.

- By default the image covers the entire element. If the image size is small, by default the image is repeated to cover the entire element.
- The image that has to be set as the background has to be located in the same project folder.

```

graph LR
    A[CSS Background] --> B[color]
    B --> C[image]
    C --> D[repeat]
    D --> E[attachment]
    E --> F[shorthand property]
    F --> G[size]
  
```

- explain the code, style and output.
- it can be explained in detail by using the code: <https://replit.com/@SDharani/css-background#index.html>
- explain the div class bigimage.
- The background image chosen should match the text color.

Css Backgrounds Tutorial

Yay! We are learning the CSS Backgrounds

Heing - COntainer

Text COntainer

background-repeat

```

body {
  background-image: url('https://img.freepik.com/f');
}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow;
  background-color:#b7edc4;
  background-color: #b7edc4; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```

```

body {
  background-image: url('https://img.freepik.com/f');
  background-repeat: repeat-x;
}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow;
  background-color:#b7edc4;
  background-color: #b7edc4; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```

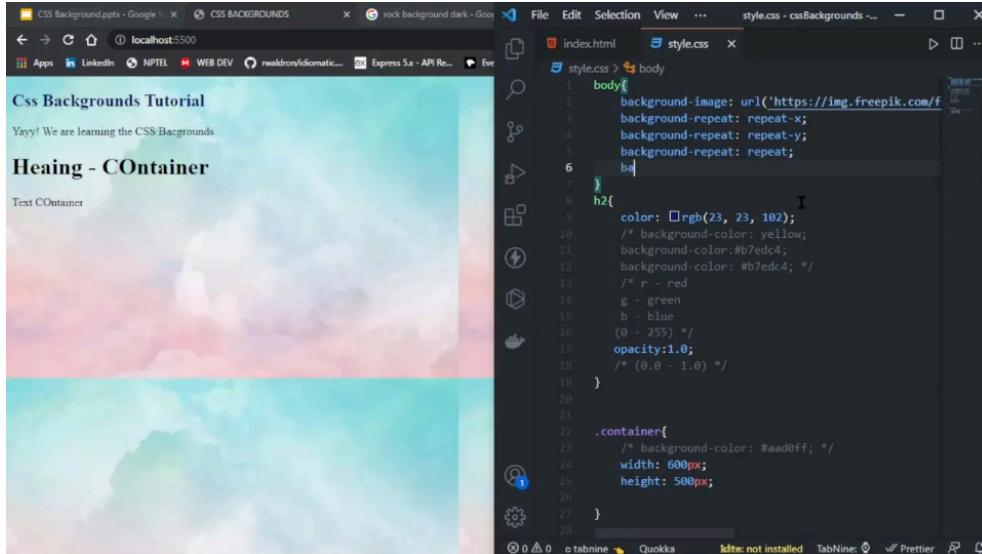
```

body {
  background-image: url('https://img.freepik.com/f');
  background-repeat: repeat-x;
  background-repeat: repeat-y;
}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow;
  background-color:#b7edc4;
  background-color: #b7edc4; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```



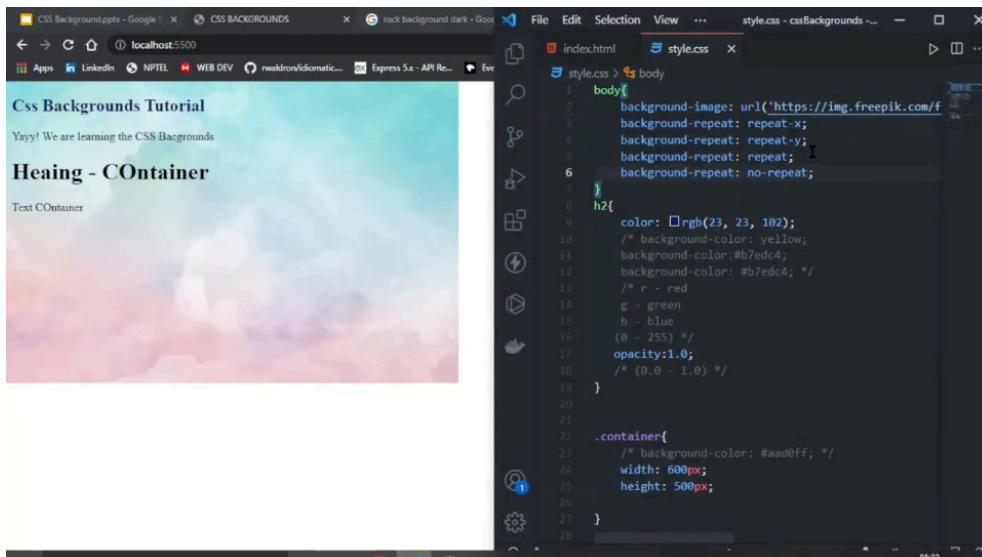
```

body{
  background-image: url('https://img.freepik.com/foto-de-fondo/rocas-en-la-naturaleza_1010-10100.jpg');
  background-repeat: repeat-x;
  background-repeat: repeat-y;
  background-repeat: repeat;
}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow;
  background-color:#b7edc4; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```



```

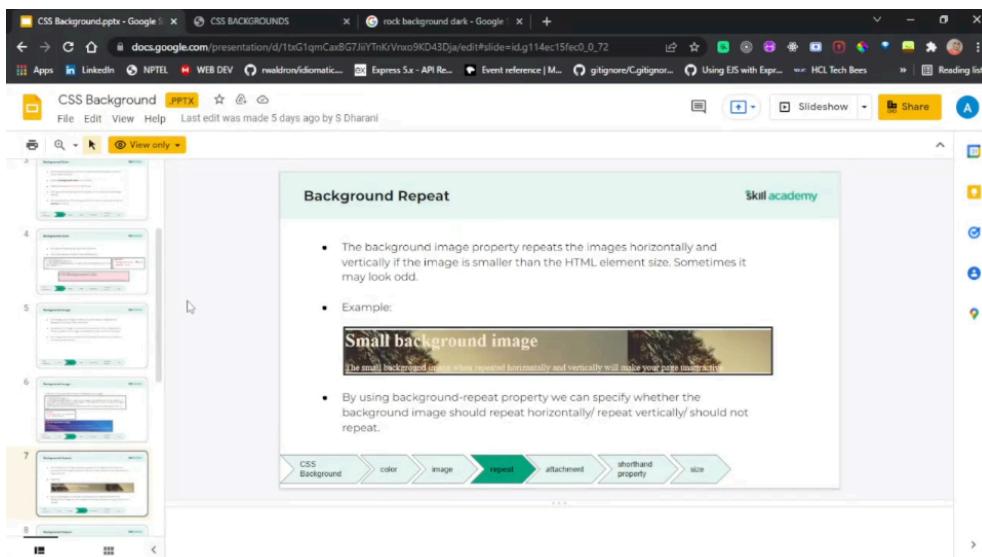
body{
  background-image: url('https://img.freepik.com/foto-de-fondo/rocas-en-la-naturaleza_1010-10100.jpg');
  background-repeat: repeat-x;
  background-repeat: repeat-y;
  background-repeat: repeat;
  background-repeat: no-repeat;

}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow;
  background-color:#b7edc4; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```



Background Repeat

- The background image property repeats the images horizontally and vertically if the image is smaller than the HTML element size. Sometimes it may look odd.
- Example:

Small background image

The small background image when repeated horizontally and vertically will make your page messy.

- By using background-repeat property we can specify whether the background image should repeat horizontally/ repeat vertically/ should not repeat.

CSS Background > color > image > repeat > attachment > shorthand property > size

Background Repeat

- Repeat horizontally: `background-repeat: repeat-x;`
- Repeat vertically: `background-repeat: repeat-y;`
- Should not repeat: `background-repeat: no-repeat;`
- The position of the image can be specified with the help of `background-position` property.
- Example: `background-position: right top;`

```

    graph LR
      A["CSS Background"] --> B["color"]
      B --> C["image"]
      C --> D["repeat"]
      D --> E["attachment"]
      E --> F["shorthand property"]
      F --> G["size"]
  
```

Background Position :

Css Backgrounds Tutorial
Yayy! We are learning the CSS Backgrounds

Healing - COntainer

Text COntainer

```

body{
  background-image: url('https://img.freepik.com/foto-de-fondo/abstract-colorful-blurred-background_1014-11120.jpg');
  /* background-repeat: repeat-x;
  background-repeat: repeat-y;
  background-repeat: repeat; */
  background-repeat: no-repeat;
  background-position: top;
}

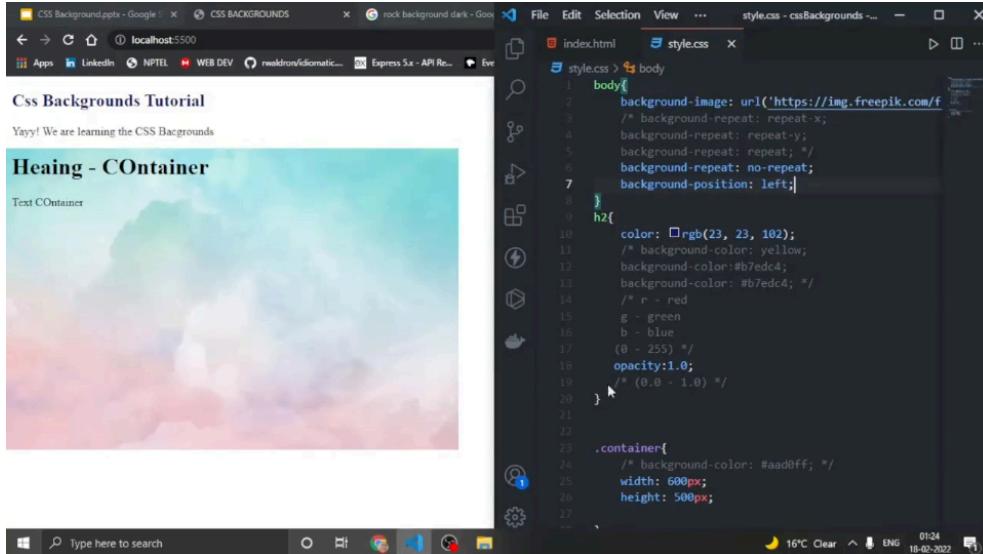
h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow;
  background-color: #b7edc4;
  background-color: #b7edc4; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}
  
```

Css Backgrounds Tutorial
Yayy! We are learning the CSS Backgrounds

Healing - COntainer

Text COntainer



The screenshot shows a browser window with two tabs: "CSS Background.pptx - Google Slides" and "rock background dark - Google Slides". The main content area displays a "Css Backgrounds Tutorial" page. The page features a large, colorful background image of a rock formation. Overlaid on the image is the text "Healing - COnTainer" and "Text COnTainer". The browser's developer tools are open, showing the "style.css" file with the following code:

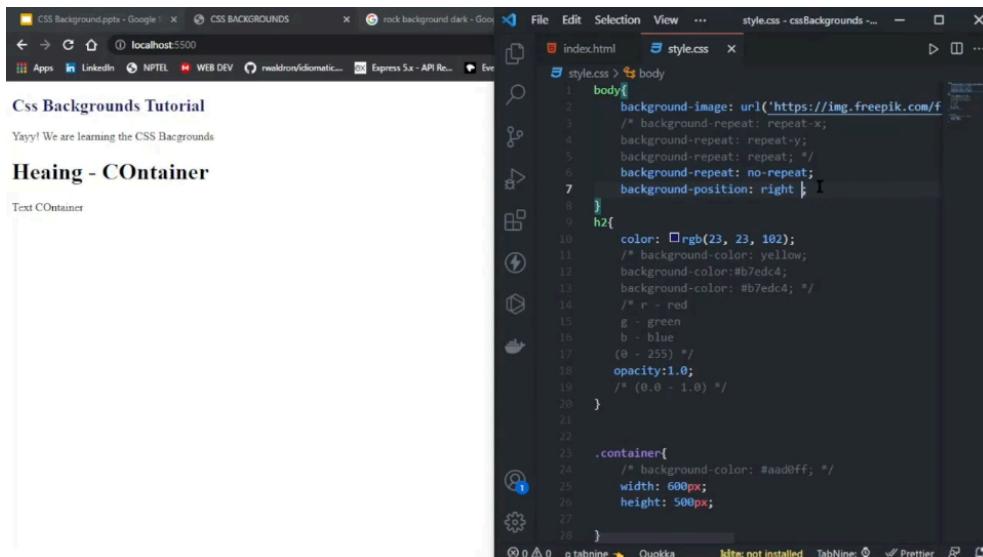
```

body {
    background-image: url('https://img.freepik.com/');
    /* background-repeat: repeat-x;
    background-repeat: repeat-y;
    background-repeat: repeat; */
    background-repeat: no-repeat;
    background-position: left;
}

h2 {
    color: #rgb(23, 23, 102);
    /* background-color: yellow;
    background-color:#b7edc4;
    background-color: #b7edc4; */
    /* r - red
    g - green
    b - blue
    (0 - 255) */
    opacity:1.0;
    /* (0.0 - 1.0) */
}

.container{
    /* background-color: #aad0ff; */
    width: 600px;
    height: 500px;
}

```



The screenshot shows a browser window with two tabs: "CSS Background.pptx - Google Slides" and "rock background dark - Google Slides". The main content area displays a "Css Backgrounds Tutorial" page. The page features a large, colorful background image of a rock formation. Overlaid on the image is the text "Healing - COnTainer" and "Text COnTainer". The browser's developer tools are open, showing the "style.css" file with the following code:

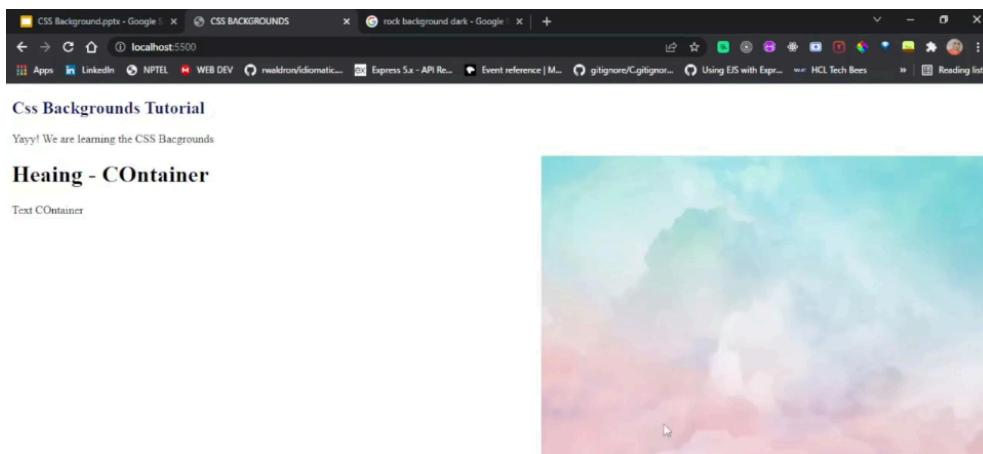
```

body {
    background-image: url('https://img.freepik.com/');
    /* background-repeat: repeat-x;
    background-repeat: repeat-y;
    background-repeat: repeat; */
    background-repeat: no-repeat;
    background-position: right;
}

h2 {
    color: #rgb(23, 23, 102);
    /* background-color: yellow;
    background-color:#b7edc4;
    background-color: #b7edc4; */
    /* r - red
    g - green
    b - blue
    (0 - 255) */
    opacity:1.0;
    /* (0.0 - 1.0) */
}

.container{
    /* background-color: #aad0ff; */
    width: 600px;
    height: 500px;
}

```



Background Attachment :

background attachment : fixed means the background is fixed rather than other content will be scroll.

background attachment : scroll means the background is scrolled when content is scroll.

The background-attachment property specifies whether the background image attached should be scrolled along with the text or it should be fixed in size.

- Example:
 - `background-attachment: fixed;`
 - `background-attachment: scroll;`

CSS Background → color → image → repeat → attachment → shorthand property → size

background size:

background size : contain this property extends the background width. as per the width of the image or the webpage.

```

body{
  background-image: url('https://img.freepik.com/foto-gratis/abstract-blue-colorful-blurred-background_1014-10000.jpg');
  /* background-repeat: repeat-x; */
  /* background-repeat: repeat-y; */
  /* background-repeat: repeat; */
  /* background-repeat: no-repeat; */
  /* background-position: right; */
  background-attachment: scroll;
  background-size: contain;
}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow; */
  background-color: #b7edc4;
  background-color: #b7edc4; /*
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```

background size : cover this property background cover the whole webpage.

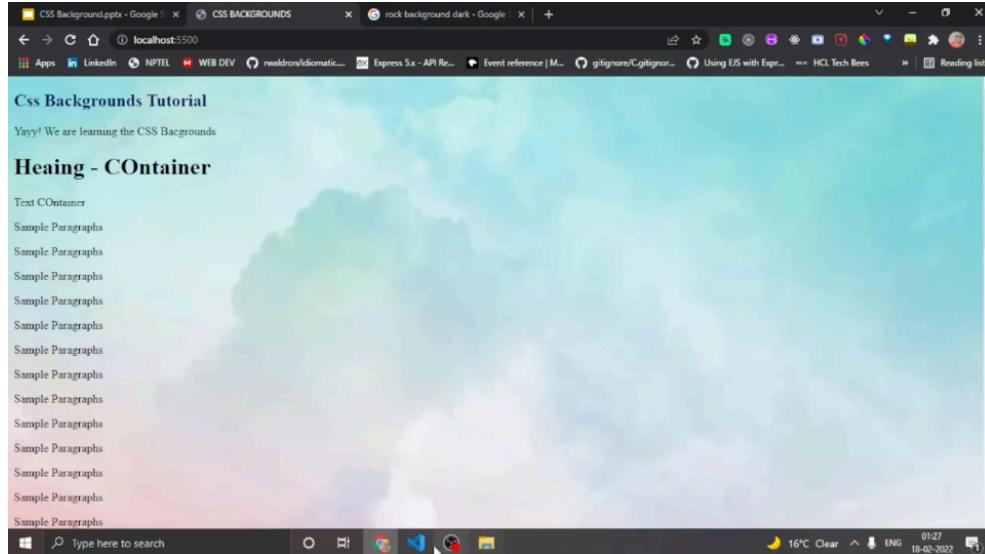
```

body{
  background-image: url('https://img.freepik.com/foto-gratis/abstract-blue-colorful-blurred-background_1014-10000.jpg');
  /* background-repeat: repeat-x; */
  /* background-repeat: repeat-y; */
  /* background-repeat: repeat; */
  /* background-repeat: no-repeat; */
  /* background-position: right; */
  background-attachment: scroll;
  background-size: cover;
}

h2{
  color: #rgb(23, 23, 102);
  /* background-color: yellow; */
  background-color: #b7edc4;
  background-color: #b7edc4; /*
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}

.container{
  /* background-color: #aad0ff; */
  width: 600px;
  height: 500px;
}

```



background shorthand

To shorten the code, all the background properties can be included in one single property `background`.

- The `background` is a shorthand property.
- Expanded code and Shorthand property:

```
body{
  background-color: white;
  background-image: url("image.png");
  background-repeat: no-repeat;
  background-position: right top;
}
```

```
body{
  background: pink url("image.png") no-repeat right top;
}
```

```
body{
  background-image: url('https://img.freepik.com/foto-de-fondo/abstract-white-marble-texture_1301-11144.jpg');
  background-image: url('https://images.unsplash.com/photo-1510226231393-5d3a8c17d05e?ixlib=rb-4.0.3&q=80&fm=jpg&crop=entropy&w=1000&h=1000&t=1686540800000');
  /* background-repeat: repeat-x;
  background-repeat: repeat-y;
  background-repeat: repeat; */
  background-repeat: no-repeat;
  /* background-position: right;
  background-attachment: scroll; */
  background-size: cover;
  background-attachment: fixed;
  background: #e9f4ff url('https://previews.123rf.com/images/alexander-zhukov/alexander-zhukov1903/alexander-zhukov190300001/105114562-white-marble-texture-background-pattern-for-web-design-and-print-.jpg') no-repeat right top;
  background-size: 100% 100%;
}

h2{
  color: #2c3e50;
  /* background-color: yellow;
  background-color: #b7edc1; */
  /* r - red
  g - green
  b - blue
  (0 - 255) */
  opacity:1.0;
  /* (0.0 - 1.0) */
}
```

The screenshot shows a browser window with two tabs: "index.html" and "style.css". The "index.html" tab displays a "Css Backgrounds Tutorial" page with a header "Heaing - COntainer" and several "Simple Paragraphs" below it. The "style.css" tab shows the following CSS code:

```
body{
    background-image: url('https://img.freepik.com/freepages/white-background-image.jpg');
    background-image: url('https://images.unsplash.com/photo-1514725175371-531d4849838a?ixlib=rb-4.0.3&q=80&fm=jpg&crop=entropy&w=1000&h=1000&t=2024-08-07T14:23:59.000Z');
    /* background-repeat: repeat-x;
    background-repeat: repeat-y;
    background-repeat: repeat; */
    background-repeat: no-repeat;
    /* background-position: right;
    background-attachment: scroll; */
    background-size: cover;
    background-attachment: fixed;
    background: #e0f9ec url('https://previews.123rf.com/images/alexander-zhukov/alexander-zhukov1907/alexander-zhukov190700001/11000000/white-background-image.jpg') no-repeat center;
    background-size: cover;
    background-attachment: fixed;
}

h2{
    color: #rgb(23, 23, 102);
    /* background-color: yellow;
    background-color: #b7edc4; */
    /* r - red
    g - green
    b - blue
    (0 - 255) */
    opacity: 1.0;
    /* (0.0 - 1.0) */
}
```

