Converting Colors

RGB(240, 216, 223)

Have a look what the booklet for RGB(240, 216, 223) contains.

Color

RGB(240, 216, 223)

Conversions

Format	Color
Hex	F0D8DF
RGB	240, 216, 223
RGB Percent	94%, 85%, 87%
CMY	0.0588, 0.1529, 0.1255
CMYK	0.00, 0.10, 0.07, 0.06
HSL	342°, 44%, 89%
HSV	342°, 10%, 94%
XYZ	73.8103, 72.9647, 80.0054
YIQ	223.9740, 12.0570, 7.2650

Conversions Part 1

Conversions

Conversions Part 2

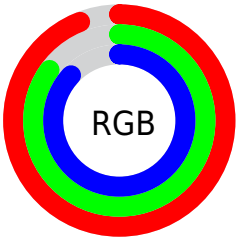
Format	Color
RYB	240, 216, 223
Decimal	15784159
CIELab	88.43, 9.45, -0.42
CIELCh	88, 9.458, 357.446
Yxy	72.9647, 0.3255, 0.3217
Android (android.graphics.Color)	4293974239 (0xFFF0D8DF)
YUV	223.9740, -0.4802, 14.0548
Hunter-Lab	85.4194, 4.7568, 4.2614

Details

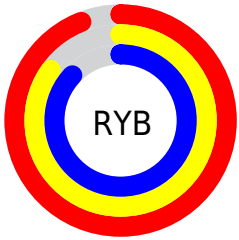
The RGB color 240, 216, 223 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 216, 240, 233, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 255, 255, 255, and 184, 161, 168 is the 20% darker color. If you saturate the color by 10%, you get 240, 192, 206, and if you desaturate by 10%, it is 240, 240, 240.

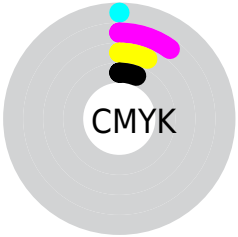
Distribution



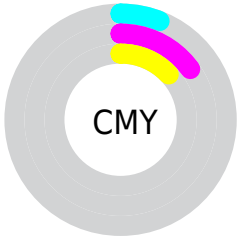
- Red (94%)
- Green (85%)
- Blue (87%)



- Red (94%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 216, 223 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 240, 216, 223 by changing the saturation by 10% instead.

240, 216, 223

255, 255, 255

240, 216, 223

212, 188, 195

184, 161, 168

157, 135, 141

131, 110, 116

105, 85, 91

81, 62, 68

58, 40, 46

36, 20, 25

7, 0, 0

240, 216, 223

240, 192, 206

240, 168, 189

240, 144, 172

240, 120, 155

240, 96, 138

240, 72, 121

240, 48, 104

240, 24, 87

240, 0, 70

240, 216, 223

240, 240, 240

240, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

233, 217, 232

240, 216, 223

242, 216, 214

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

240, 216, 223

220, 224, 206

203, 226, 237

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

240, 216, 223

216, 240, 233

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

200, 227, 230

240, 216, 223

210, 226, 212

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

240, 216, 223

230, 221, 204

202, 227, 221

212, 223, 240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

240, 216, 223

240, 217, 209

202, 227, 221

202, 226, 235

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

240, 216, 223

255, 247, 250

233, 216, 240

128, 122, 124

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

240, 216, 223

255, 224, 233

240, 221, 216

120, 108, 111

184, 0, 54

56, 0, 16

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

240, 216, 223

255, 224, 233

216, 235, 240

120, 108, 111

184, 0, 54

56, 0, 16

Previews

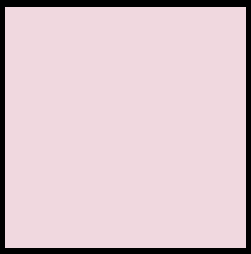
White Background

This preview shows how the RGB color 240, 216, 223 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



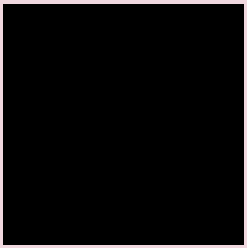
This preview shows how the RGB color 240, 216, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 240, 216, 223 Background



This preview shows how black text looks on a background with the RGB color 240, 216, 223.

This preview shows how white text looks on a background with the RGB color 240, 216, 223.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
240, 216, 223

Protanopia
225, 221, 226

Deuteranopia
243, 215, 223

Tritanopia
241, 215, 231

Trichromacy

Original Color
240, 216, 223

Protanomaly
230, 219, 225

Deuteranomaly
242, 215, 223

Tritanomaly
241, 215, 228

Monochromacy

Original Color
240, 216, 223

Achromatopsia
224, 224, 224

Achromatomaly
230, 221, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 216, 223 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(240, 216, 223) looks like.

```
.text, #text, p{
    color:rgb(240, 216, 223)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(240, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 223) }
```

Border

The CSS property to change the border of an element to RGB 240, 216, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 216, 223) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 216, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 216, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 216, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 216, 223); box-shadow:4px 4px 4px 4px rgb(240, 216, 223) }
```

Background

The CSS property to change the background color of an element to RGB 240, 216, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 216, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(240,
216, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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