Converting Colors

RGB(240, 238, 244)

Have a look what the booklet for RGB(240, 238, 244) contains.

Color

RGB(240, 238, 244)

Conversions

Format	Color
	Conversions Part 1
Hex	F0EEF4
RGB	240, 238, 244
RGB Percent	94%, 93%, 96%
CMY	0.0588, 0.0667, 0.0431
CMYK	0.02, 0.02, 0.00, 0.04
HSL	260°, 21%, 95%
HSV	260°, 2%, 96%
XYZ	82.8388, 86.2060, 97.8613
YIQ	239.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

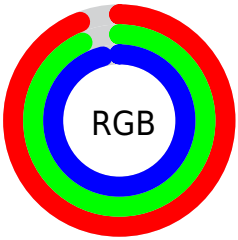
Format	Color
RYB	240, 238, 244
Decimal	15789812
CIELab	94.40, 1.74, -2.66
CIELCh	94, 3.183, 303.159
Yxy	86.2060, 0.3104, 0.3230
Android (android.graphics.Color)	4293979892 (0xFFF0EEF4)
YUV	239.2820, 2.3260, 0.6297
Hunter-Lab	92.8472, -3.2237, 2.5011

Details

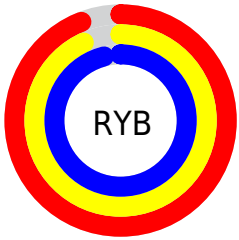
The RGB color 240, 238, 244 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 242, 244, 238, and the grayscale version is 239, 239, 239.

A 20% lighter version of the original color is 255, 255, 255, and 184, 182, 188 is the 20% darker color. If you saturate the color by 10%, you get 224, 214, 244, and if you desaturate by 10%, it is 255, 255, 244.

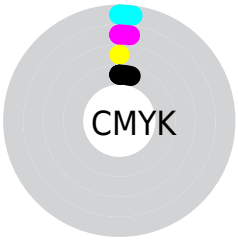
Distribution



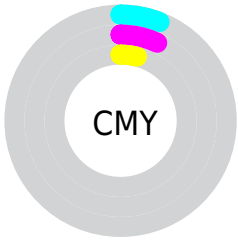
- Red (94%)
- Green (93%)
- Blue (96%)



- Red (94%)
- Yellow (93%)
- Blue (96%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 238, 244 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, 238, 244 by changing the saturation by 10% instead.

240, 238, 244

255, 255, 255

240, 238, 244

212, 210, 216

184, 182, 188

157, 155, 161

131, 129, 135

106, 104, 109

82, 80, 85

59, 57, 62

37, 36, 40

16, 14, 20

240, 238, 244

224, 214, 244

207, 189, 244

191, 165, 244

175, 140, 244

159, 116, 244

142, 92, 244

126, 67, 244

110, 43, 244

94, 18, 244

240, 238, 244

255, 255, 244

Harmonies

Analogous

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

236, 239, 245

240, 238, 244

243, 237, 242

Triad

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

240, 238, 244

244, 238, 233

232, 241, 239

Complementary

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

240, 238, 244

242, 244, 238

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.

234, 240, 236

240, 238, 244

241, 239, 233

Square

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

240, 238, 244

246, 237, 236

238, 240, 234

232, 241, 242

Rectangle

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

240, 238, 244

245, 237, 240

238, 240, 234

233, 241, 238

Sweetspot

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

240, 238, 244

253, 252, 255

238, 242, 244

127, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

240, 238, 244

250, 247, 255

243, 238, 244

119, 118, 122

62, 0, 186

20, 0, 59

Inverse Universe

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

244, 238, 242

255, 247, 252

239, 244, 238

122, 118, 121

186, 0, 124

59, 0, 39

Previews

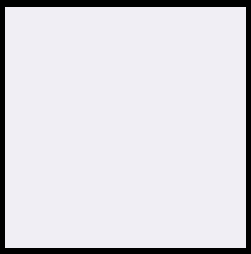
White Background

This preview shows how the RGB color 240, 238, 244 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



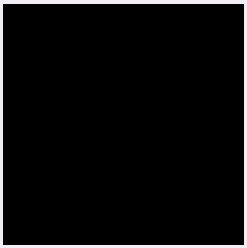
This preview shows how the RGB color 240, 238, 244 looks on a black background.

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, 238, 244 Background



This preview shows how black text looks on a background with the RGB color 240, 238, 244.

This preview shows how white text looks on a background with the RGB color 240, 238, 244.

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, 238, 244

Protanopia
242, 238, 244

Deuteranopia
255, 233, 244

Tritanopia
242, 236, 255

Trichromacy

Original Color
240, 238, 244

Protanomaly
241, 238, 244

Deuteranomaly
250, 235, 244

Tritanomaly
241, 237, 251

Monochromacy

Original Color
240, 238, 244

Achromatopsia
239, 239, 239

Achromatomaly
239, 239, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 238, 244 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, 238, 244) looks like.

```
.text, #text, p{
    color:rgb(240, 238, 244)
}
```

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, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 244) }
```

Border

The CSS property to change the border of an element to RGB 240, 238, 244 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, 238, 244) }
```

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

```
.border{ border-color:rgb(240, 238, 244) }
```

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

Here you see how a box with a 4 pixel rgb(240, 238, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 238, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 238, 244); box-shadow:4px 4px 4px 4px rgb(240, 238, 244) }
```

Background

The CSS property to change the background color of an element to RGB 240, 238, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 238, 244) }
```

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

```
.background{ background-color:rgb(240,
238, 244) }
```

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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