

Converting Colors

RGB(240, 234, 244)

Have a look what the booklet for
RGB(240, 234, 244) contains.

RGB(240, 234, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(240, 234, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F0EAF4
RGB	240, 234, 244
RGB Percent	94%, 92%, 96%
CMY	0.0588, 0.0824, 0.0431
CMYK	0.02, 0.04, 0.00, 0.04
HSL	276°, 31%, 94%
HSV	276°, 4%, 96%
XYZ	81.6871, 83.9026, 97.4774
YIQ	236.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

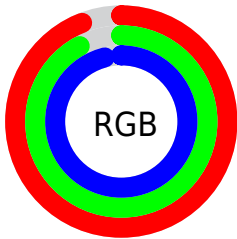
Format	Color
R _{YB}	240, 234, 244
Decimal	15788788
CIE Lab	93.41, 3.79, -4.12
CIE LCh	93, 5.603, 312.622
Yxy	83.9026, 0.3105, 0.3189
Android (android.graphics.Color)	4293978868 (0xFF0EAF4)
YUV	236.9340, 3.4835, 2.6889
Hunter-Lab	91.5983, -1.1113, 1.0234

Details

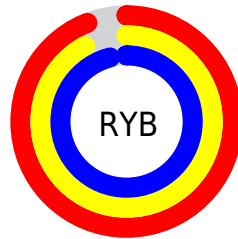
The RGB color **240, 234, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **238, 244, 234**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 178, 188** is the 20% darker color. If you saturate the color by 10%, you get **230, 210, 244**, and if you desaturate by 10%, it is 250, 255, 244.

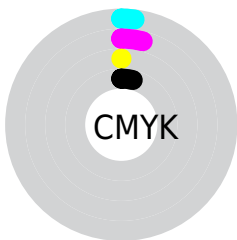
Distribution



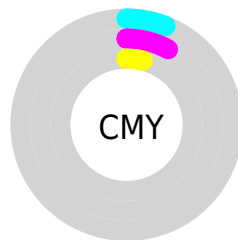
- Red (94%)
- Green (92%)
- Blue (96%)



- Red (94%)
- Yellow (92%)
- Blue (96%)



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



- Cyan (6%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 234, 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, 234, 244 by changing the saturation by 10% instead.

■ 240, 234, 244

255, 255, 255

■ 240, 234, 244

■ 212, 206, 216

■ 184, 178, 188

■ 157, 152, 161

■ 131, 126, 135

■ 106, 101, 109

■ 82, 77, 85

■ 59, 54, 62

■ 37, 33, 40


■ 16, 10, 20

 240, 234, 244


 240, 234, 244


 230, 210, 244


 250, 255, 244


 220, 185, 244


 255, 255, 244

 211, 161, 244


 201, 136, 244

 191, 112, 244

 181, 88, 244

 172, 63, 244

 162, 39, 244

 152, 14, 244

Harmonies

Analogous

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



233, 236, 246



240, 234, 244



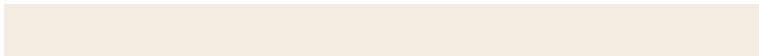
245, 233, 239

Triad

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



240, 234, 244



244, 235, 226



223, 239, 238

Complementary

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



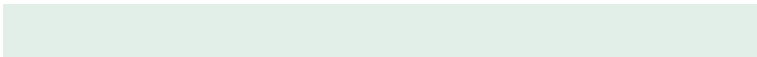
240, 234, 244



238, 244, 234

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.



226, 239, 233



240, 234, 244



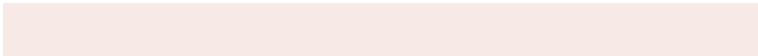
238, 236, 226

Square

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



240, 234, 244



247, 233, 229



232, 238, 228



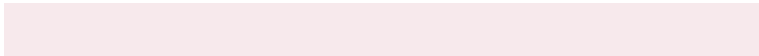
224, 239, 243

Rectangle

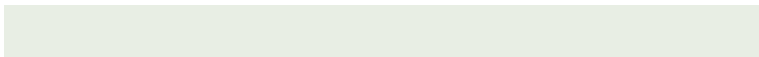
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



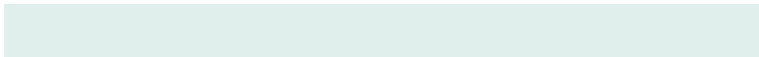
240, 234, 244



247, 233, 236



232, 238, 228



224, 239, 236

Sweetspot

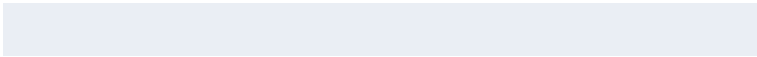
The Sweet Spot groups the original color and five complimentary colors.



240, 234, 244



254, 252, 255



234, 238, 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, 234, 244



250, 242, 255



244, 234, 243



119, 115, 122



112, 0, 186



35, 0, 59

Inverse Universe

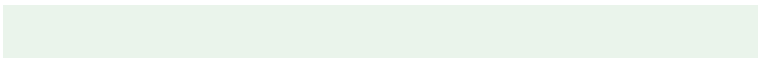
The Inverse Universe completely reimagines the original color for something new.



244, 234, 238



255, 242, 247



234, 244, 235



122, 115, 118



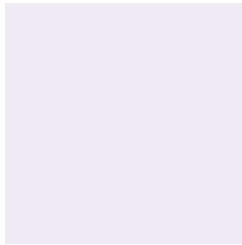
186, 0, 74



59, 0, 23

Previews

White Background



This preview shows how the RGB color 240, 234, 244 looks on a white background.

Color Contrast Check

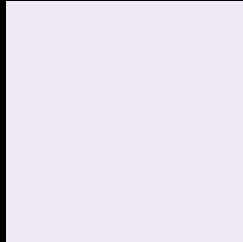
Large Text (above 18pt) WCAG AA × Fail

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, 234, 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

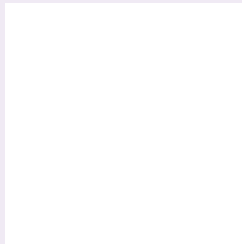
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 240, 234, 244 Background



This preview shows how black text looks on a background with the RGB color 240, 234, 244.

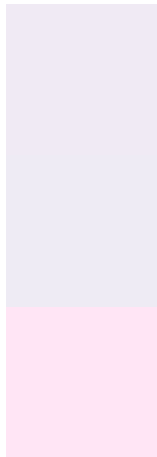


This preview shows how white text looks on a background with the RGB color 240, 234, 244.

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, 234, 244

Protanopia
238, 235, 244

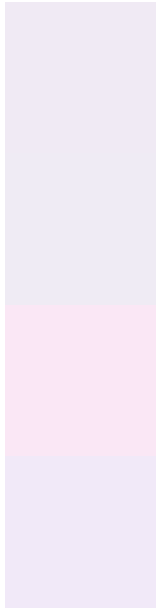
Deuteranopia
255, 229, 245



Tritanopia

241, 233, 251

Trichromacy



Original Color

240, 234, 244

Protanomaly

239, 235, 244

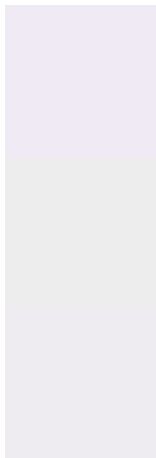
Deuteranomaly

250, 231, 245

Tritanomaly

241, 233, 248

Monochromacy



Original Color

240, 234, 244

Achromatopsia

237, 237, 237

Achromatomaly

238, 236, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 234, 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, 234, 244) looks like.

```
.text, #text, p{  
    color:rgb(240, 234, 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, 234, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 234, 244) }
```

Border

The CSS property to change the border of an element to RGB 240, 234, 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, 234, 244) }
```

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

```
.border{ border-color:rgb(240, 234, 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, 234, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 234, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 234, 244);  
box-shadow:4px 4px 4px 4px rgb(240, 234,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 240, 234, 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, 234, 244) }
```

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

```
.background{ background-color: rgb(240,  
234, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor