

Converting Colors

RGB(240, 240, 232)

Have a look what the booklet for
RGB(240, 240, 232) contains.

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Color

RGB(240, 240, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F0F0E8
RGB	240, 240, 232
RGB Percent	94%, 94%, 91%
CMY	0.0588, 0.0588, 0.0902
CMYK	0.00, 0.00, 0.03, 0.06
HSL	60°, 21%, 93%
HSV	60°, 3%, 94%
XYZ	81.6608, 86.6716, 88.7692
YIQ	239.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

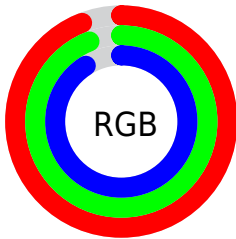
Format	Color
R _Y B	232, 240, 232
Decimal	15790312
CIE Lab	94.60, -1.39, 3.85
CIE LCh	95, 4.093, 109.840
Yxy	86.6716, 0.3176, 0.3371
Android (android.graphics.Color)	4293980392 (0xFFFF0F0E8)
YUV	239.0880, -3.4944, 0.7998
Hunter-Lab	93.0976, -6.3492, 8.6349

Details

The RGB color **240, 240, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 232, 240**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 184, 176** is the 20% darker color. If you saturate the color by 10%, you get **240, 240, 208**, and if you desaturate by 10%, it is **240, 240, 255**.

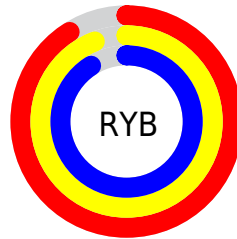
Distribution



Red (94%)

Green (94%)

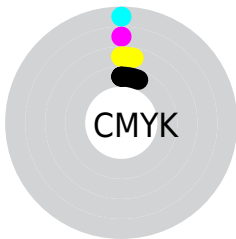
Blue (91%)



Red (91%)

Yellow (94%)

Blue (91%)

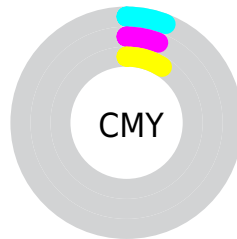


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 240, 232 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, 240, 232 by changing the saturation by 10% instead.

 240, 240, 232

255, 255, 255

 240, 240, 232

 212, 212, 204

 184, 184, 176

 157, 157, 150

 131, 131, 124

 106, 106, 99

 82, 82, 75

 59, 59, 53

 37, 37, 31

 16, 16, 7

 240, 240, 232

 240, 240, 232

 240, 240, 208


 240, 240, 255


 240, 240, 184


 240, 240, 160


 240, 240, 136

 240, 240, 112

 240, 240, 88

 240, 240, 64

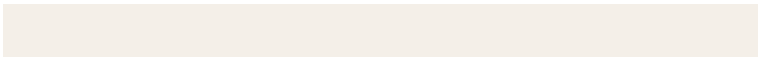
 240, 240, 40

 240, 240, 16

Harmonies

Analogous

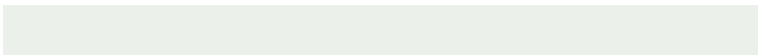
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 239, 232



240, 240, 232



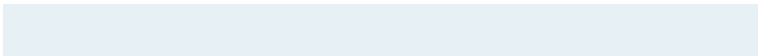
235, 241, 234

Triad

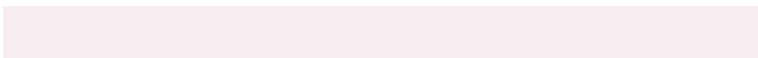
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 240, 232



231, 241, 245



247, 237, 241

Complementary

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



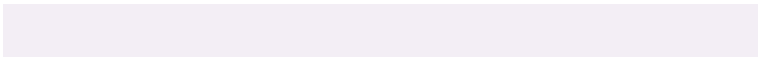
240, 240, 232



232, 232, 240

Split Complementary

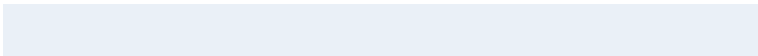
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 238, 245



240, 240, 232



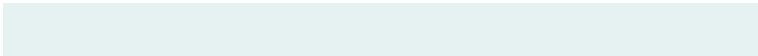
234, 240, 247

Square

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



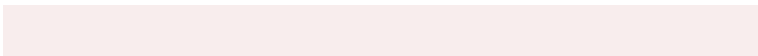
240, 240, 232



230, 242, 242



239, 239, 247



248, 237, 237

Rectangle

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



240, 240, 232



233, 242, 237



239, 239, 247



246, 237, 242

Sweetspot

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



240, 240, 232



255, 255, 252



240, 232, 232



128, 128, 126



0, 0, 0



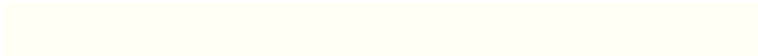
128, 128, 128

Same Dimension

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



240, 240, 232



255, 255, 245



236, 240, 232



120, 120, 114



184, 184, 0



56, 56, 0

Inverse Universe

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



232, 232, 240



245, 245, 255



236, 232, 240



114, 114, 120



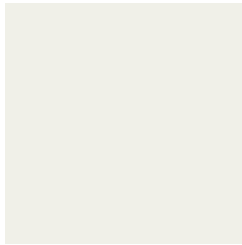
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RGB color 240, 240, 232 looks on a white background.

Color Contrast Check

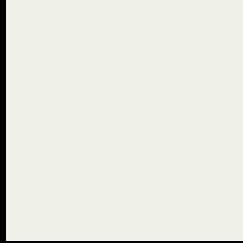
Large Text (above 18pt) WCAG AA × Fail

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, 240, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

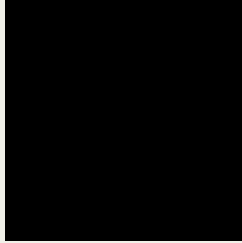
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

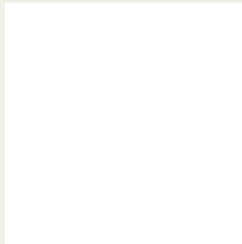
Any Text WCAG AAA ✓ Pass

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

RGB 240, 240, 232 Background



This preview shows how black text looks on a background with the RGB color 240, 240, 232.

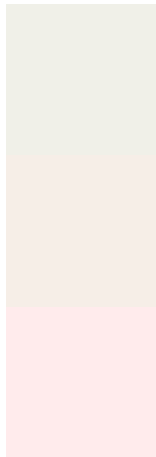


This preview shows how white text looks on a background with the RGB color 240, 240, 232.

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, 240, 232

Protanopia
246, 238, 231

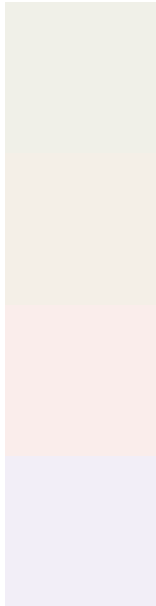
Deuteranopia
255, 235, 236



Tritanopia

243, 237, 255

Trichromacy



Original Color

240, 240, 232

Protanomaly

244, 239, 231

Deuteranomaly

250, 237, 235

Tritanomaly

242, 238, 247

Monochromacy



Original Color

240, 240, 232

Achromatopsia

239, 239, 239

Achromatomaly

239, 239, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 240, 232 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, 240, 232) looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 232)  
}
```

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, 240, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 232) }
```

Border

The CSS property to change the border of an element to RGB 240, 240, 232 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, 240, 232) }
```

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

```
.border{ border-color:rgb(240, 240, 232) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 232);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 240, 240, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 232) }
```

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

```
.background{ background-color: rgb(240,  
240, 232) }
```

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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