

Converting Colors

RGB(240, 244, 212)

Have a look what the booklet for
RGB(240, 244, 212) contains.

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Color

RGB(240, 244, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F0F4D4
RGB	240, 244, 212
RGB Percent	94%, 96%, 83%
CMY	0.0588, 0.0431, 0.1686
CMYK	0.02, 0.00, 0.13, 0.04
HSL	68°, 59%, 89%
HSV	68°, 13%, 96%
XYZ	80.1695, 87.9801, 75.0438
YIQ	239.1560, 7.8880, -10.8000

Conversions

Conversions Part 2

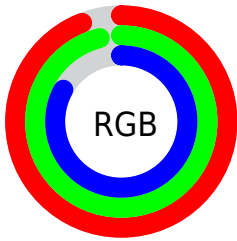
Format	Color
R _Y B	212, 244, 216
Decimal	15791316
CIE Lab	95.15, -6.69, 14.98
CIE LCh	95, 16.403, 114.059
Yxy	87.9801, 0.3297, 0.3618
Android (android.graphics.Color)	4293981396 (0xFFFF0F4D4)
YUV	239.1560, -13.3879, 0.7402
Hunter-Lab	93.7977, -11.5808, 18.2228

Details

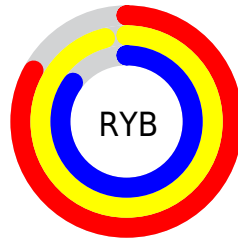
The RGB color **240, 244, 212** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **216, 212, 244**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 188, 157** is the 20% darker color. If you saturate the color by 10%, you get **237, 244, 188**, and if you desaturate by 10%, it is **243, 244, 236**.

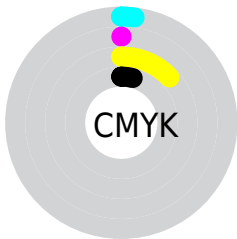
Distribution



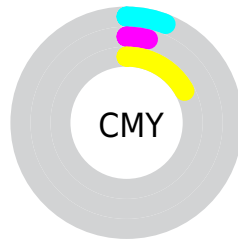
- Red (94%)
- Green (96%)
- Blue (83%)



- Red (83%)
- Yellow (96%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 244, 212 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, 244, 212 by changing the saturation by 10% instead.

■ 240, 244, 212

255, 255, 255

■ 240, 244, 212

■ 212, 216, 184

■ 184, 188, 157

■ 157, 161, 131

■ 131, 135, 106

■ 105, 109, 82

■ 81, 85, 59

■ 58, 62, 37

■ 36, 40, 16

■ 12, 20, 0

 240, 244, 212

 240, 244, 212

 237, 244, 188

 243, 244, 236

 234, 244, 163


 246, 244, 255

 231, 244, 139

 249, 244, 255

 228, 244, 114

 252, 244, 255


 225, 244, 90

 255, 244, 255

 222, 244, 66

 219, 244, 41

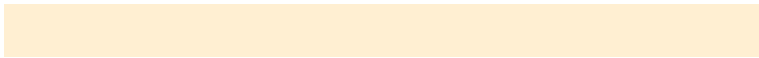
 216, 244, 17

 213, 244, 0

Harmonies

Analogous

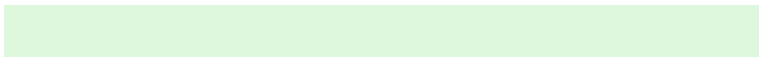
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 210



240, 244, 212



222, 248, 222

Triad

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



240, 244, 212



205, 248, 255



255, 231, 245

Complementary

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



240, 244, 212



216, 212, 244

Split Complementary

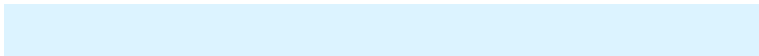
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



240, 244, 212



220, 243, 255

Square

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



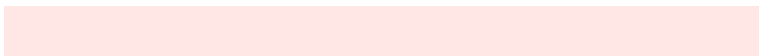
240, 244, 212



201, 250, 253



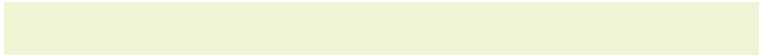
240, 238, 255



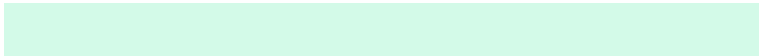
255, 231, 229

Rectangle

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



240, 244, 212



211, 250, 232



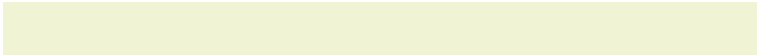
240, 238, 255



255, 231, 250

Sweetspot

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



240, 244, 212



254, 255, 245



244, 216, 212



127, 128, 121



0, 0, 0



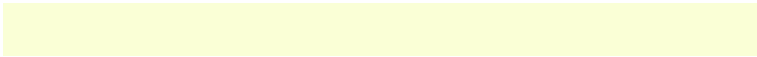
128, 128, 128

Same Dimension

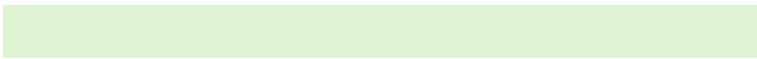
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 244, 212



250, 255, 214



224, 244, 212



121, 122, 110



163, 186, 0



51, 59, 0

Inverse Universe

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



216, 212, 244



219, 214, 255



232, 212, 244



112, 110, 122



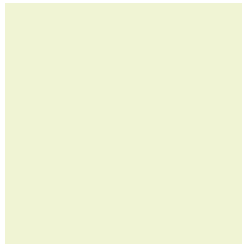
23, 0, 186



7, 0, 59

Previews

White Background



This preview shows how the RGB color 240, 244, 212 looks on a white background.

Color Contrast Check

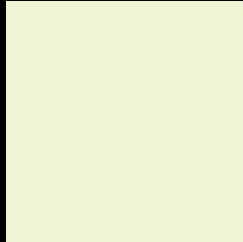
Large Text (above 18pt) WCAG AA × Fail

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, 244, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

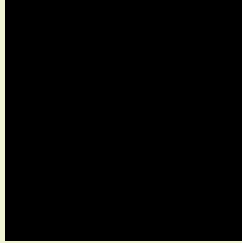
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

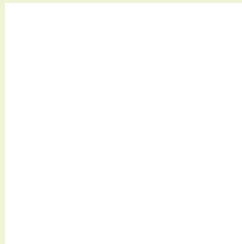
Any Text WCAG AAA ✓ Pass

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

RGB 240, 244, 212 Background



This preview shows how black text looks on a background with the RGB color 240, 244, 212.

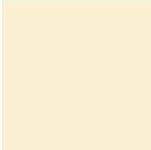


This preview shows how white text looks on a background with the RGB color 240, 244, 212.

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

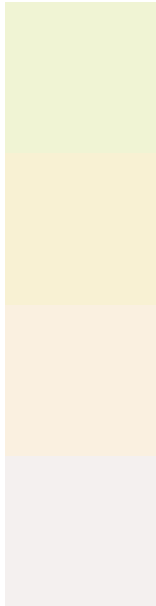
	Original Color 240, 244, 212
	Protanopia 252, 240, 210
	Deuteranopia 255, 237, 231



Tritanopia

246, 238, 255

Trichromacy



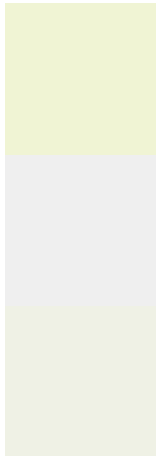
Original Color
240, 244, 212

Protanomaly
248, 241, 211

Deuteranomaly
250, 240, 224

Tritanomaly
244, 240, 239

Monochromacy



Original Color
240, 244, 212

Achromatopsia
239, 239, 239

Achromatomaly
239, 241, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 244, 212 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, 244, 212)` looks like.

```
.text, #text, p{  
    color:rgb(240, 244, 212)  
}
```

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, 244, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 244, 212) }
```

Border

The CSS property to change the border of an element to RGB 240, 244, 212 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, 244, 212) }
```

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

```
.border{ border-color:rgb(240, 244, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 244, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 244, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 244, 212);  
box-shadow:4px 4px 4px 4px rgb(240, 244,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 240, 244, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 244, 212) }
```

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

```
.background{ background-color: rgb(240,  
244, 212) }
```

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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