

Converting Colors

RGB(240, 245, 226)

Have a look what the booklet for
RGB(240, 245, 226) contains.

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Color

RGB(240, 245, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F0F5E2
RGB	240, 245, 226
RGB Percent	94%, 96%, 89%
CMY	0.0588, 0.0392, 0.1137
CMYK	0.02, 0.00, 0.08, 0.04
HSL	76°, 49%, 92%
HSV	76°, 8%, 96%
XYZ	82.3151, 89.3211, 84.8537
YIQ	241.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

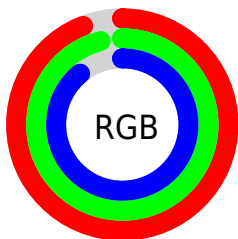
Format	Color
RYB	226, 245, 231
Decimal	15791586
CIELab	95.71, -4.93, 8.56
CIELCh	96, 9.881, 119.943
Yxy	89.3211, 0.3209, 0.3482
Android (android.graphics.Color)	4293981666 (0xFFFF0F5E2)
YUV	241.3390, -7.5621, -1.1743
Hunter-Lab	94.5098, -9.9244, 12.9246

Details

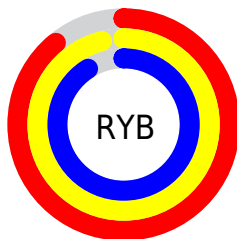
The RGB color **240, 245, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **231, 226, 245**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 189, 171** is the 20% darker color. If you saturate the color by 10%, you get **234, 245, 202**, and if you desaturate by 10%, it is **246, 245, 250**.

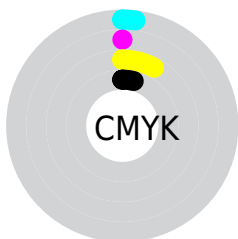
Distribution



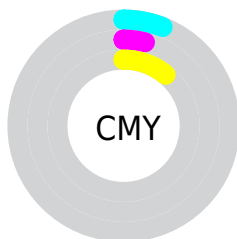
- Red (94%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 245, 226 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, 245, 226 by changing the saturation by 10% instead.

240, 245, 226

255, 255, 255

240, 245, 226

212, 217, 198

184, 189, 171

157, 162, 144

131, 136, 119

106, 110, 94

82, 86, 70

59, 63, 48

37, 41, 27

17, 21, 0

 240, 245, 226

 240, 245, 226

 234, 245, 202

 246, 245, 250

 227, 245, 177


 253, 245, 255

 221, 245, 153

 255, 245, 255

 214, 245, 128

 208, 245, 103

 201, 245, 79

 195, 245, 54

 188, 245, 30

 182, 245, 5

Harmonies

Analogous

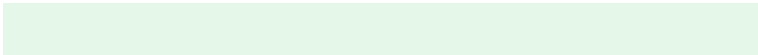
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 242, 224



240, 245, 226



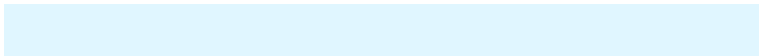
229, 247, 233

Triad

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



240, 245, 226



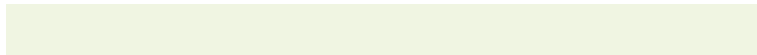
224, 246, 255



255, 236, 243

Complementary

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



240, 245, 226



231, 226, 245

Split Complementary

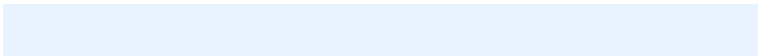
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 238, 252



240, 245, 226



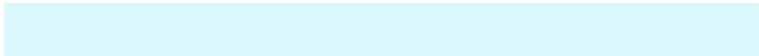
233, 243, 255

Square

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



240, 245, 226



219, 248, 252



245, 240, 255



255, 237, 233

Rectangle

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



240, 245, 226



224, 248, 239



245, 240, 255



255, 237, 246

Sweetspot

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



240, 245, 226



254, 255, 250



245, 231, 226



127, 128, 125



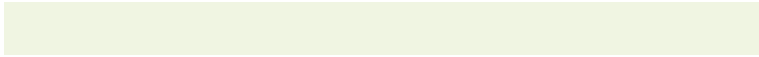
0, 0, 0



128, 128, 128

Same Dimension

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



240, 245, 226



249, 255, 232



231, 245, 226



119, 122, 110



137, 186, 0



43, 59, 0

Inverse Universe

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



231, 226, 245



238, 232, 255



240, 226, 245



113, 110, 122



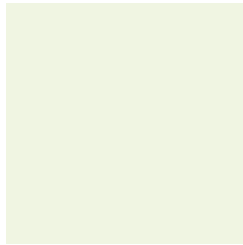
49, 0, 186



15, 0, 59

Previews

White Background



This preview shows how the RGB color 240, 245, 226 looks on a white background.

Color Contrast Check

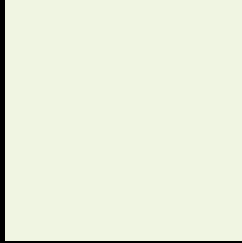
Large Text (above 18pt) WCAG AA × Fail

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, 245, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

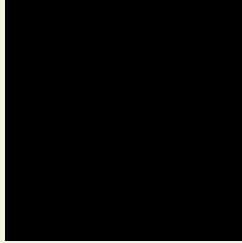
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

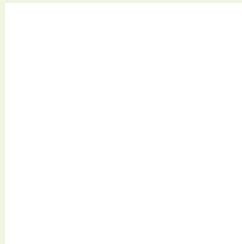
Any Text WCAG AAA ✓ Pass

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

RGB 240, 245, 226 Background



This preview shows how black text looks on a background with the RGB color 240, 245, 226.

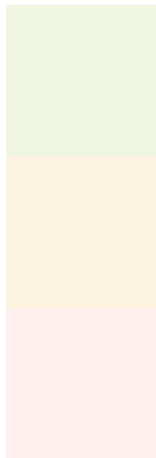


This preview shows how white text looks on a background with the RGB color 240, 245, 226.

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, 245, 226

Protanopia
251, 242, 224

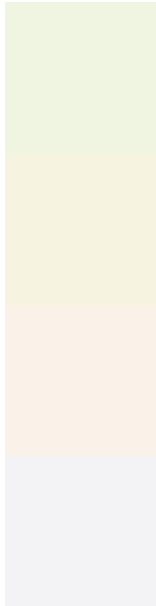
Deuteranopia
255, 239, 237



Tritanopia

244, 241, 255

Trichromacy



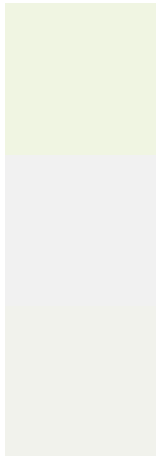
Original Color
240, 245, 226

Protanomaly
247, 243, 225

Deuteranomaly
250, 241, 233

Tritanomaly
243, 242, 244

Monochromacy



Original Color
240, 245, 226

Achromatopsia
241, 241, 241

Achromatomaly
241, 242, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 245, 226 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, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 226)  
}
```

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, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 226) }
```

Border

The CSS property to change the border of an element to RGB 240, 245, 226 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, 245, 226) }
```

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

```
.border{ border-color:rgb(240, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 240, 245, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 226) }
```

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

```
.background{ background-color: rgb(240,  
245, 226) }
```

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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