

Converting Colors

RGB(242, 245, 214)

Have a look what the booklet for
RGB(242, 245, 214) contains.

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Color

RGB(242, 245, 214)

Conversions

Conversions Part 1

Format	Color
Hex	F2F5D6
RGB	242, 245, 214
RGB Percent	95%, 96%, 84%
CMY	0.0510, 0.0392, 0.1608
CMYK	0.01, 0.00, 0.13, 0.04
HSL	66°, 61%, 90%
HSV	66°, 13%, 96%
XYZ	81.4080, 89.0371, 76.5135
YIQ	240.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

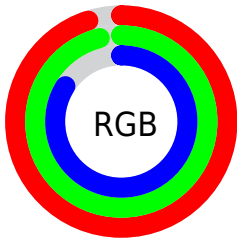
Format	Color
RYB	214, 245, 217
Decimal	15922646
CIELab	95.60, -6.18, 14.60
CIELCh	96, 15.850, 112.941
Yxy	89.0371, 0.3296, 0.3605
Android (android.graphics.Color)	4294112726 (0xFFFF2F5D6)
YUV	240.5690, -13.0985, 1.2550
Hunter-Lab	94.3595, -11.1295, 17.9750

Details

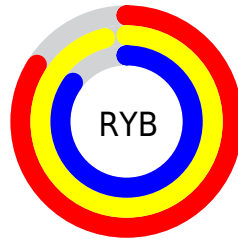
The RGB color **242, 245, 214** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 214, 245**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 189, 159** is the 20% darker color. If you saturate the color by 10%, you get **240, 245, 190**, and if you desaturate by 10%, it is **244, 245, 239**.

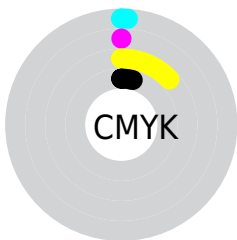
Distribution



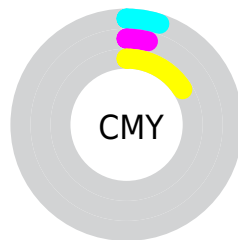
- Red (95%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 245, 214 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 242, 245, 214 by changing the saturation by 10% instead.

■ 242, 245, 214

255, 255, 255

■ 242, 245, 214

■ 214, 217, 186

■ 186, 189, 159

■ 159, 162, 133

■ 132, 136, 108

■ 107, 110, 83

■ 83, 86, 60

■ 59, 63, 38

■ 37, 41, 18

■ 15, 21, 0

 242, 245, 214

 242, 245, 214

 240, 245, 190

 244, 245, 239


 237, 245, 165


 247, 245, 255

 235, 245, 141

 249, 245, 255

 233, 245, 116


 251, 245, 255


 230, 245, 92


 254, 245, 255

 228, 245, 67

 255, 245, 255

 225, 245, 42

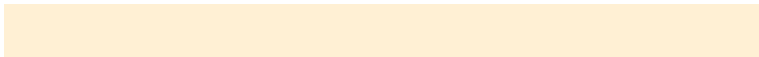
 223, 245, 18

 221, 245, 0

Harmonies

Analogous

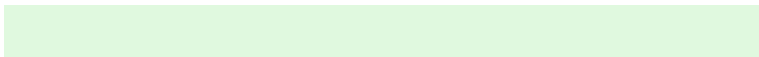
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 212



242, 245, 214



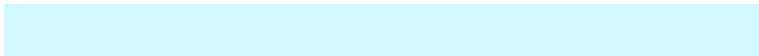
224, 249, 223

Triad

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



242, 245, 214



208, 249, 255



255, 232, 247

Complementary

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



242, 245, 214



217, 214, 245

Split Complementary

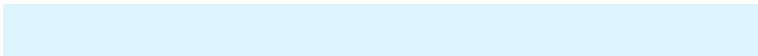
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 235, 255



242, 245, 214



222, 245, 255

Square

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



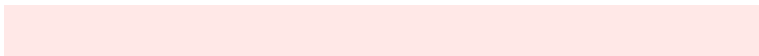
242, 245, 214



203, 251, 254



241, 240, 255



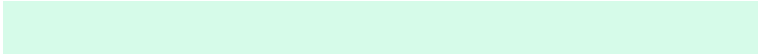
255, 232, 231

Rectangle

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



242, 245, 214



214, 251, 233



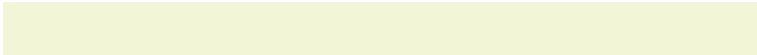
241, 240, 255



255, 233, 252

Sweetspot

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



242, 245, 214



254, 255, 245



245, 217, 214



127, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



242, 245, 214



251, 255, 217



227, 245, 214



121, 122, 110



168, 186, 0



53, 59, 0

Inverse Universe

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



217, 214, 245



220, 217, 255



232, 214, 245



111, 110, 122



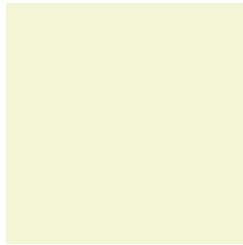
18, 0, 186



6, 0, 59

Previews

White Background



This preview shows how the RGB color 242, 245, 214 looks on a white background.

Color Contrast Check

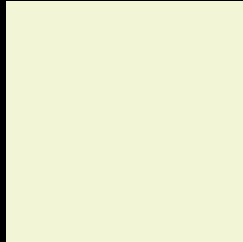
Large Text (above 18pt) WCAG AA × Fail

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 242, 245, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

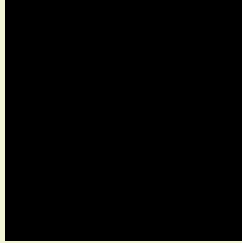
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

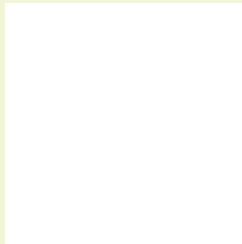
Any Text WCAG AAA ✓ Pass

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

RGB 242, 245, 214 Background



This preview shows how black text looks on a background with the RGB color 242, 245, 214.

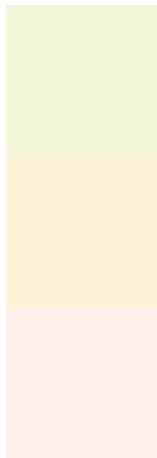


This preview shows how white text looks on a background with the RGB color 242, 245, 214.

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
242, 245, 214

Protanopia
253, 241, 212

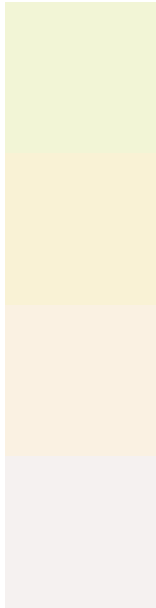
Deuteranopia
255, 239, 233



Tritanopia

247, 239, 255

Trichromacy



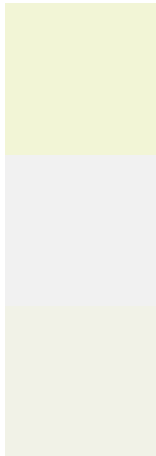
Original Color
242, 245, 214

Protanomaly
249, 242, 213

Deuteranomaly
250, 241, 226

Tritanomaly
245, 241, 240

Monochromacy



Original Color
242, 245, 214

Achromatopsia
241, 241, 241

Achromatomaly
241, 242, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 245, 214 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(242, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 214)  
}
```

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(242, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 214) }
```

Border

The CSS property to change the border of an element to RGB 242, 245, 214 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(242, 245, 214) }
```

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

```
.border{ border-color:rgb(242, 245, 214) }
```

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

Here you see how a box with a 4 pixel rgb(242, 245, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 242, 245, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 214) }
```

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

```
.background{ background-color: rgb(242,  
245, 214) }
```

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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