

Converting Colors

RGB(242, 243, 216)

Have a look what the booklet for
RGB(242, 243, 216) contains.

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Color

RGB(242, 243, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F2F3D8
RGB	242, 243, 216
RGB Percent	95%, 95%, 85%
CMY	0.0510, 0.0471, 0.1529
CMYK	0.00, 0.00, 0.11, 0.05
HSL	62°, 53%, 90%
HSV	62°, 11%, 95%
XYZ	81.0632, 87.9363, 77.6667
YIQ	239.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

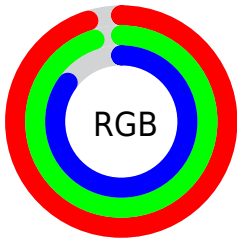
Format	Color
R_{YB}	216, 243, 217
Decimal	15922136
CIE _{Lab}	95.13, -4.86, 12.91
CIE _{LCh}	95, 13.796, 110.622
Yxy	87.9363, 0.3286, 0.3565
Android (android.graphics.Color)	4294112216 (0xFFFF2F3D8)
YUV	239.6230, -11.6461, 2.0846
Hunter-Lab	93.7744, -9.8009, 16.5363

Details

The RGB color **242, 243, 216** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 216, 243**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 187, 161** is the 20% darker color. If you saturate the color by 10%, you get **241, 243, 192**, and if you desaturate by 10%, it is **243, 243, 240**.

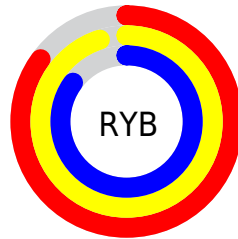
Distribution



Red (95%)

Green (95%)

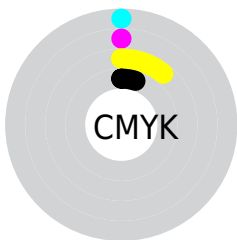
Blue (85%)



Red (85%)

Yellow (95%)

Blue (85%)

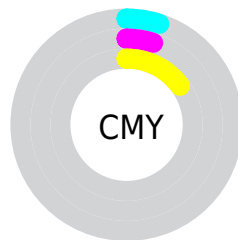


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 243, 216 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, 243, 216 by changing the saturation by 10% instead.

■ 242, 243, 216

255, 255, 255

■ 242, 243, 216

■ 214, 215, 188

■ 186, 187, 161

■ 159, 160, 135

■ 133, 134, 110

■ 107, 109, 85

■ 83, 84, 62


■ 60, 61, 40

■ 38, 39, 19

■ 15, 19, 0

 242, 243, 216

 242, 243, 216

 241, 243, 192

 243, 243, 240

 240, 243, 167


 244, 243, 255

 239, 243, 143

 245, 243, 255

 238, 243, 119

 246, 243, 255

 238, 243, 95


 246, 243, 255

 237, 243, 70

 247, 243, 255

 236, 243, 46

 248, 243, 255

 235, 243, 22

 249, 243, 255

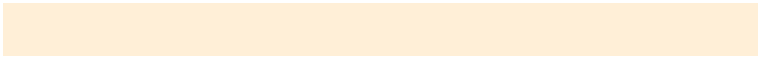
 234, 243, 0

 250, 243, 255

Harmonies

Analogous

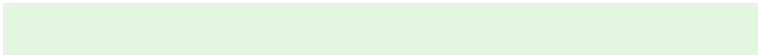
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 215



242, 243, 216



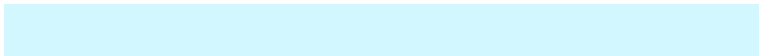
227, 247, 224

Triad

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



242, 243, 216



211, 247, 255



255, 232, 246

Complementary

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



242, 243, 216



217, 216, 243

Split Complementary

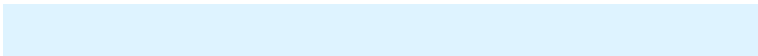
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 235, 255



242, 243, 216



222, 243, 255

Square

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



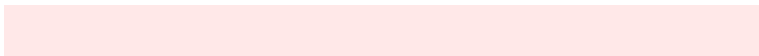
242, 243, 216



208, 249, 250



239, 239, 255



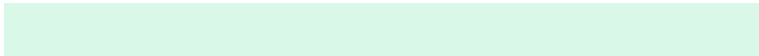
255, 232, 232

Rectangle

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



242, 243, 216



218, 248, 232



239, 239, 255



255, 233, 250

Sweetspot

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



242, 243, 216



255, 255, 247



243, 217, 216



127, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



242, 243, 216



254, 255, 222



229, 243, 216



122, 122, 110



179, 186, 0



56, 59, 0

Inverse Universe

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



217, 216, 243



223, 222, 255



230, 216, 243



111, 110, 122



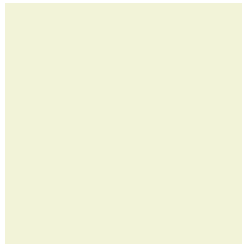
7, 0, 186



2, 0, 59

Previews

White Background



This preview shows how the RGB color 242, 243, 216 looks on a white background.

Color Contrast Check

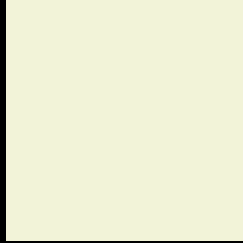
Large Text (above 18pt) WCAG AA × Fail

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, 243, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

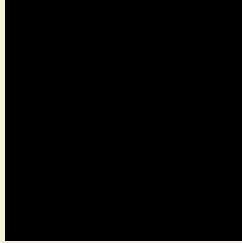
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

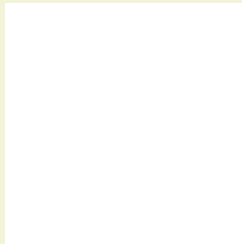
Any Text WCAG AAA ✓ Pass

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

RGB 242, 243, 216 Background



This preview shows how black text looks on a background with the RGB color 242, 243, 216.

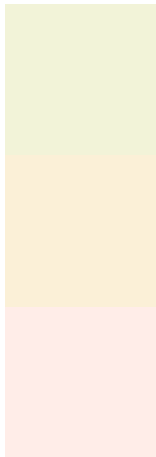


This preview shows how white text looks on a background with the RGB color 242, 243, 216.

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, 243, 216

Protanopia
251, 240, 215

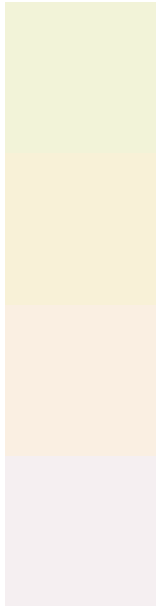
Deuteranopia
255, 237, 232



Tritanopia

247, 237, 255

Trichromacy



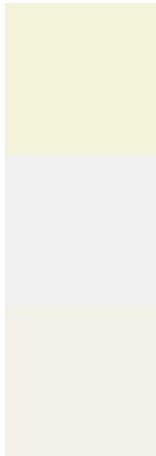
Original Color
242, 243, 216

Protanomaly
248, 241, 215

Deuteranomaly
250, 239, 226

Tritanomaly
245, 239, 241

Monochromacy



Original Color
242, 243, 216

Achromatopsia
240, 240, 240

Achromatomaly
241, 241, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 243, 216 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, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 216)  
}
```

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, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 216) }
```

Border

The CSS property to change the border of an element to RGB 242, 243, 216 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, 243, 216) }
```

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

```
.border{ border-color:rgb(242, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 242, 243, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 216) }
```

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

```
.background{ background-color: rgb(242,  
243, 216) }
```

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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