

Converting Colors

RGB(242, 249, 216)

Have a look what the booklet for
RGB(242, 249, 216) contains.

RGB(242, 249, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(242, 249, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F2F9D8
RGB	242, 249, 216
RGB Percent	95%, 98%, 85%
CMY	0.0510, 0.0235, 0.1529
CMYK	0.03, 0.00, 0.13, 0.02
HSL	73°, 73%, 91%
HSV	73°, 13%, 98%
XYZ	82.8883, 91.5865, 78.2750
YIQ	243.1450, 6.4210, -11.7470

Conversions

Conversions Part 2

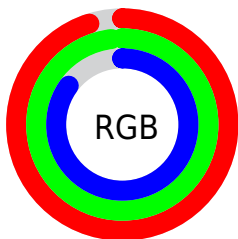
Format	Color
R _Y B	216, 249, 223
Decimal	15923672
CIE Lab	96.65, -7.87, 15.06
CIE LCh	97, 16.992, 117.573
Yxy	91.5865, 0.3279, 0.3624
Android (android.graphics.Color)	4294113752 (0xFFFF2F9D8)
YUV	243.1450, -13.3825, -1.0042
Hunter-Lab	95.7008, -12.8742, 18.4965

Details

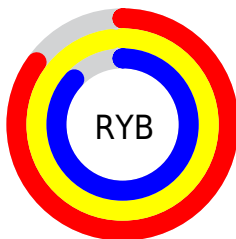
The RGB color **242, 249, 216** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **223, 216, 249**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 193, 161** is the 20% darker color. If you saturate the color by 10%, you get **237, 249, 191**, and if you desaturate by 10%, it is **247, 249, 241**.

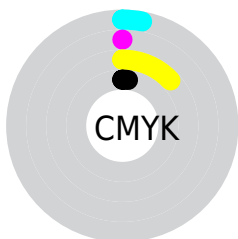
Distribution



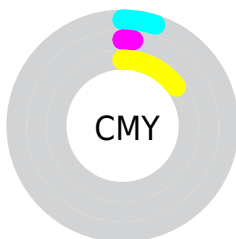
- Red (95%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 249, 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, 249, 216 by changing the saturation by 10% instead.

 242, 249, 216


255, 255, 255

 242, 249, 216

 214, 220, 188

 186, 193, 161

 159, 165, 135


 132, 139, 110

 107, 114, 85

 83, 89, 62

 59, 66, 40

 37, 44, 19

 16, 24, 0

 242, 249, 216

 242, 249, 216

 237, 249, 191

 247, 249, 241

 231, 249, 166


 253, 249, 255

 226, 249, 141


 255, 249, 255

 221, 249, 116

 216, 249, 92

 210, 249, 67

 205, 249, 42

 200, 249, 17

 196, 249, 0

Harmonies

Analogous

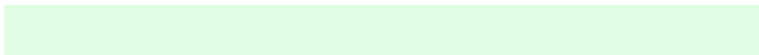
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 244, 213



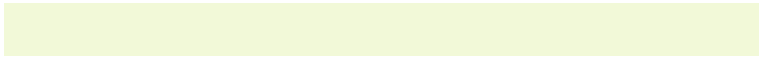
242, 249, 216



223, 253, 227

Triad

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



242, 249, 216



210, 252, 255



255, 234, 247

Complementary

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



242, 249, 216



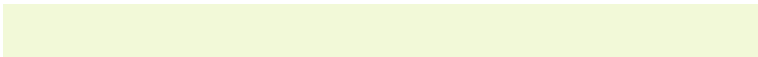
223, 216, 249

Split Complementary

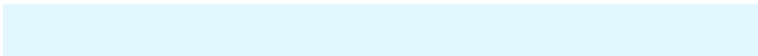
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



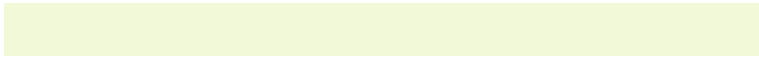
242, 249, 216



226, 247, 255

Square

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



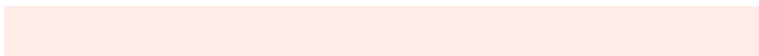
242, 249, 216



203, 255, 255



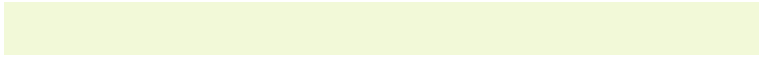
247, 242, 255



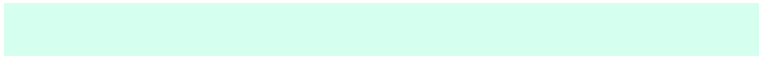
255, 235, 231

Rectangle

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



242, 249, 216



213, 255, 238



247, 242, 255



255, 235, 253

Sweetspot

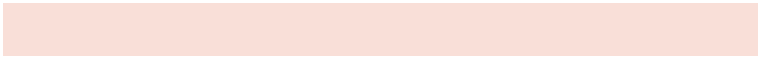
The Sweet Spot groups the original color and five complimentary colors.



242, 249, 216



253, 255, 245



249, 223, 216



126, 128, 121



0, 0, 0



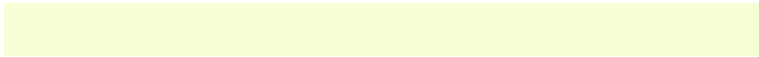
128, 128, 128

Same Dimension

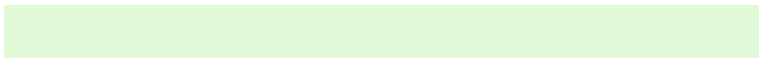
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 249, 216



246, 255, 214



226, 249, 216



122, 125, 112



149, 189, 0



48, 61, 0

Inverse Universe

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



223, 216, 249



223, 214, 255



239, 216, 249



115, 112, 125



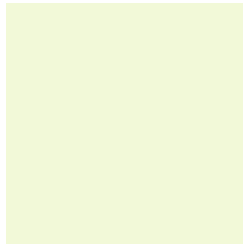
40, 0, 189



13, 0, 61

Previews

White Background



This preview shows how the RGB color 242, 249, 216 looks on a white background.

Color Contrast Check

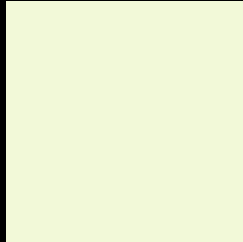
Large Text (above 18pt) WCAG AA × Fail

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, 249, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

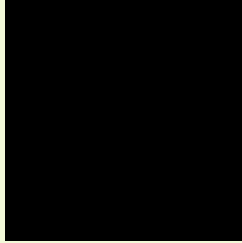
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

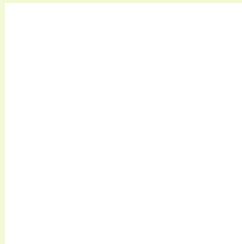
Any Text WCAG AAA ✓ Pass

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

RGB 242, 249, 216 Background



This preview shows how black text looks on a background with the RGB color 242, 249, 216.

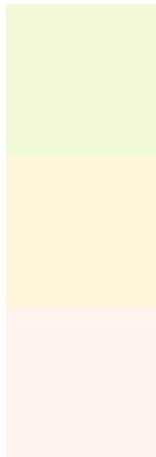


This preview shows how white text looks on a background with the RGB color 242, 249, 216.

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, 249, 216](#)

Protanopia
[255, 245, 219](#)

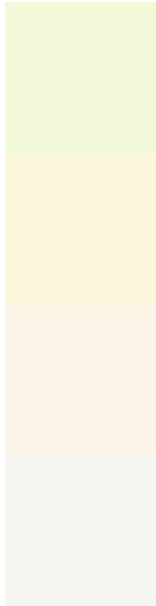
Deuteranopia
[255, 243, 238](#)



Tritanopia

247, 244, 255

Trichromacy



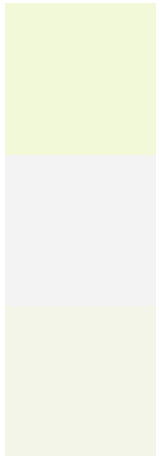
Original Color
242, 249, 216

Protanomaly
250, 246, 218

Deuteranomaly
250, 245, 230

Tritanomaly
245, 246, 241

Monochromacy



Original Color
242, 249, 216

Achromatopsia
243, 243, 243

Achromatomaly
243, 245, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 249, 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, 249, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 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, 249, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 216) }
```

Border

The CSS property to change the border of an element to RGB 242, 249, 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, 249, 216) }
```

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

```
.border{ border-color:rgb(242, 249, 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, 249, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 242, 249, 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, 249, 216) }
```

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

```
.background{ background-color: rgb(242,  
249, 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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