

Converting Colors

RGB(234, 246, 216)

Have a look what the booklet for
RGB(234, 246, 216) contains.

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Color

RGB(234, 246, 216)

Conversions

Conversions Part 1

Format	Color
Hex	EAF6D8
RGB	234, 246, 216
RGB Percent	92%, 96%, 85%
CMY	0.0824, 0.0353, 0.1529
CMYK	0.05, 0.00, 0.12, 0.04
HSL	84°, 63%, 91%
HSV	84°, 12%, 96%
XYZ	79.2821, 88.3618, 77.8427
YIQ	238.9920, 2.4780, -11.8740

Conversions

Conversions Part 2

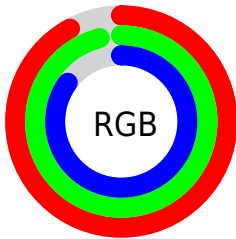
Format	Color
R _Y B	216, 246, 228
Decimal	15398616
CIE Lab	95.31, -9.13, 13.09
CIE LCh	95, 15.955, 124.901
Yxy	88.3618, 0.3230, 0.3599
Android (android.graphics.Color)	4293588696 (0xFFEAF6D8)
YUV	238.9920, -11.3351, -4.3780
Hunter-Lab	94.0010, -13.9516, 16.7023

Details

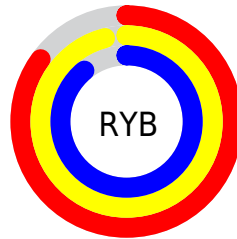
The RGB color **234, 246, 216** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **228, 216, 246**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 190, 161** is the 20% darker color. If you saturate the color by 10%, you get **224, 246, 191**, and if you desaturate by 10%, it is **244, 246, 241**.

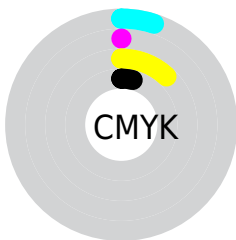
Distribution



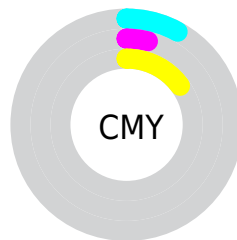
- Red (92%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 246, 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 234, 246, 216 by changing the saturation by 10% instead.

■ 234, 246, 216

255, 255, 255

■ 234, 246, 216

■ 206, 218, 188

■ 178, 190, 161

■ 151, 163, 135

■ 125, 136, 110

■ 100, 111, 85

■ 76, 87, 62

■ 53, 63, 40

■ 32, 41, 19

■ 6, 22, 0

 234, 246, 216

 234, 246, 216

 224, 246, 191

 244, 246, 241


 214, 246, 167


 254, 246, 255


 204, 246, 142


 255, 246, 255

 195, 246, 118

 185, 246, 93

 175, 246, 68

 165, 246, 44

 155, 246, 19

 148, 246, 0

Harmonies

Analogous

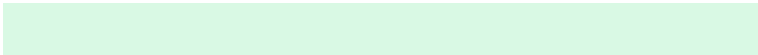
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 241, 211



234, 246, 216



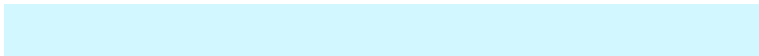
217, 249, 228

Triad

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



234, 246, 216



211, 247, 255



255, 231, 239

Complementary

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



234, 246, 216



228, 216, 246

Split Complementary

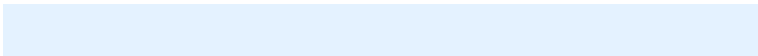
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



234, 246, 216



228, 242, 255

Square

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



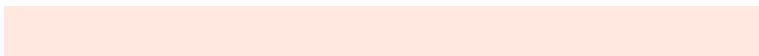
234, 246, 216



203, 250, 255



248, 237, 255



255, 232, 224

Rectangle

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



234, 246, 216



208, 251, 238



248, 237, 255



255, 231, 245

Sweetspot

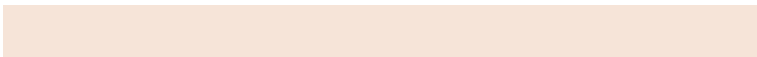
The Sweet Spot groups the original color and five complimentary colors.



234, 246, 216



251, 255, 245



246, 228, 216



125, 128, 121



0, 0, 0



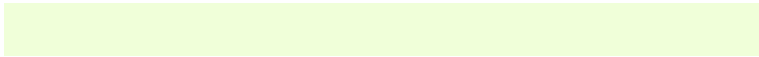
128, 128, 128

Same Dimension

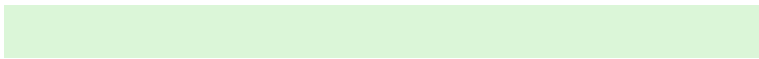
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 246, 216



240, 255, 217



219, 246, 216



118, 122, 110



112, 186, 0



35, 59, 0

Inverse Universe

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



228, 216, 246



232, 217, 255



243, 216, 246



115, 110, 122



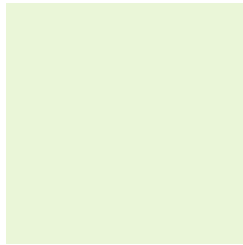
74, 0, 186



23, 0, 59

Previews

White Background



This preview shows how the RGB color 234, 246, 216 looks on a white background.

Color Contrast Check

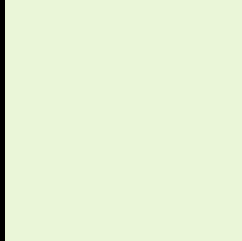
Large Text (above 18pt) WCAG AA × Fail

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 234, 246, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

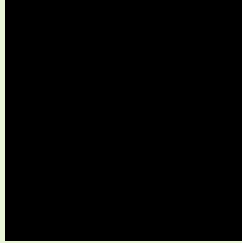
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

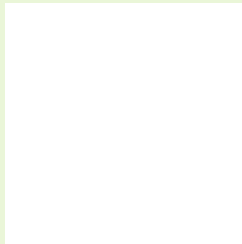
Any Text WCAG AAA ✓ Pass

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

RGB 234, 246, 216 Background



This preview shows how black text looks on a background with the RGB color 234, 246, 216.

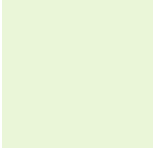



This preview shows how white text looks on a background with the RGB color 234, 246, 216.

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

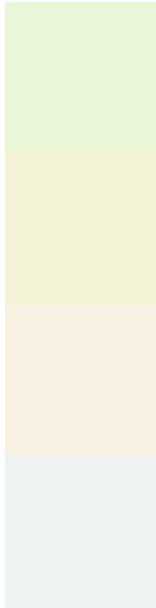
	Original Color 234, 246, 216
	Protanopia 252, 241, 213
	Deuteranopia 255, 238, 232



Tritanopia

241, 240, 255

Trichromacy



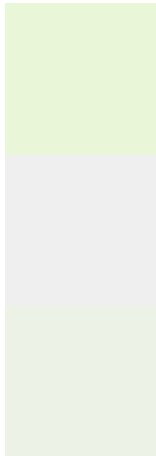
Original Color
234, 246, 216

Protanomaly
245, 243, 214

Deuteranomaly
247, 241, 226

Tritanomaly
238, 242, 241

Monochromacy



Original Color
234, 246, 216

Achromatopsia
239, 239, 239

Achromatomaly
237, 242, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 246, 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(234, 246, 216)` looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 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(234, 246, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 216) }
```

Border

The CSS property to change the border of an element to RGB 234, 246, 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(234, 246, 216) }
```

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

```
.border{ border-color:rgb(234, 246, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 234, 246, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 216) }
```

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

```
.background{ background-color: rgb(234,  
246, 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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