

Converting Colors

RGB(218, 245, 210)

Have a look what the booklet for
RGB(218, 245, 210) contains.

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Color

RGB(218, 245, 210)

Conversions

Conversions Part 1

Format	Color
Hex	DAF5D2
RGB	218, 245, 210
RGB Percent	85%, 96%, 82%
CMY	0.1451, 0.0392, 0.1765
CMYK	0.11, 0.00, 0.14, 0.04
HSL	106°, 64%, 89%
HSV	106°, 14%, 96%
XYZ	73.1987, 84.8634, 73.4951
YIQ	232.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

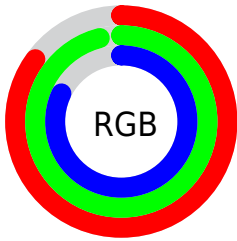
Format	Color
RYB	210, 245, 237
Decimal	14349778
CIELab	93.82, -15.07, 13.91
CIElCh	94, 20.511, 137.291
Yxy	84.8634, 0.3161, 0.3665
Android (android.graphics.Color)	4292539858 (0xFFDAF5D2)
YUV	232.9370, -11.3079, -13.0997
Hunter-Lab	92.1213, -19.3780, 17.1829

Details

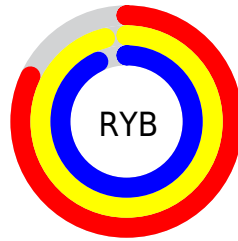
The RGB color **218, 245, 210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 210, 245**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 189, 155** is the 20% darker color. If you saturate the color by 10%, you get **199, 245, 186**, and if you desaturate by 10%, it is **237, 245, 235**.

Distribution



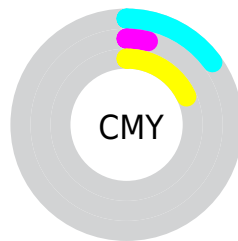
- Red (85%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 245, 210 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 218, 245, 210 by changing the saturation by 10% instead.

■ 218, 245, 210

255, 255, 255

■ 218, 245, 210

■ 190, 217, 182

■ 163, 189, 155

■ 136, 162, 129

■ 111, 135, 104

■ 86, 110, 80

■ 63, 86, 57

■ 40, 62, 35

■ 19, 40, 14

■ 0, 21, 0

 218, 245, 210

 218, 245, 210

 199, 245, 186

 237, 245, 235


 180, 245, 161

 255, 245, 255

 161, 245, 137


 142, 245, 112

 124, 245, 87

 105, 245, 63

 86, 245, 38

 67, 245, 14

 56, 245, 0

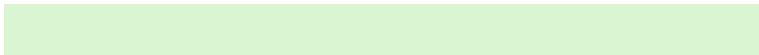
Harmonies

Analogous

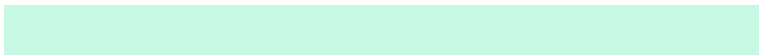
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 240, 199



218, 245, 210



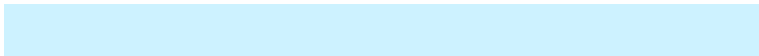
198, 248, 228

Triad

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



218, 245, 210



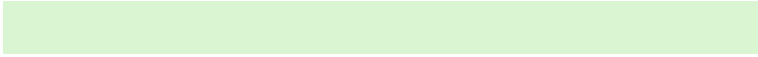
205, 242, 255



255, 224, 226

Complementary

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



218, 245, 210



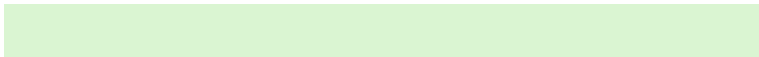
237, 210, 245

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, 224, 247



218, 245, 210



230, 235, 255

Square

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



218, 245, 210



189, 246, 255



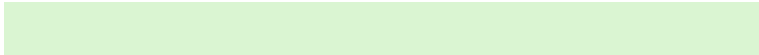
255, 229, 255



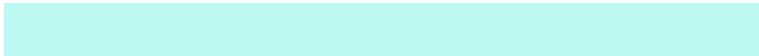
255, 227, 209

Rectangle

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



218, 245, 210



189, 249, 242



255, 229, 255



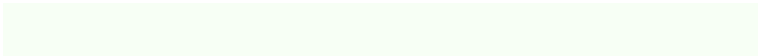
255, 224, 233

Sweetspot

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



218, 245, 210



247, 255, 245



245, 237, 210



123, 128, 121



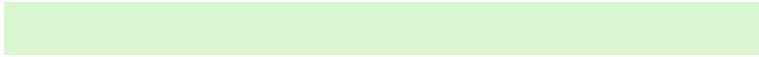
0, 0, 0



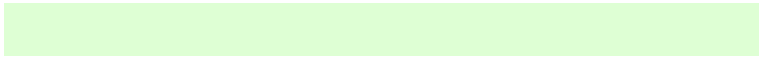
128, 128, 128

Same Dimension

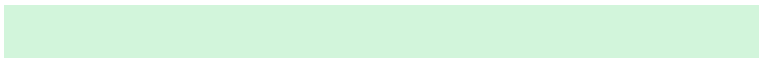
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 245, 210



222, 255, 212



210, 245, 219



113, 122, 110



43, 186, 0



13, 59, 0

Inverse Universe

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



237, 210, 245



245, 212, 255



245, 210, 236



120, 110, 122



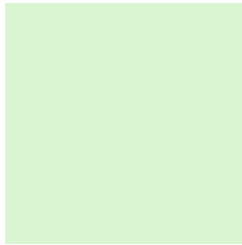
144, 0, 186



45, 0, 59

Previews

White Background



This preview shows how the RGB color 218, 245, 210 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 218, 245, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

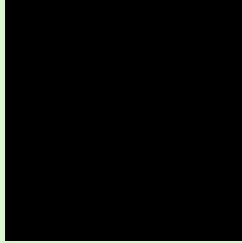
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

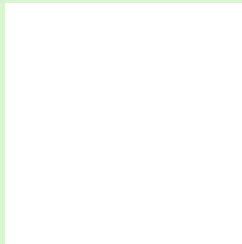
Any Text WCAG AAA ✓ Pass

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

RGB 218, 245, 210 Background



This preview shows how black text looks on a background with the RGB color 218, 245, 210.



This preview shows how white text looks on a background with the RGB color 218, 245, 210.

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





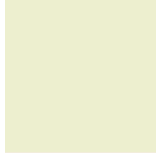
Tritanopia
227, 238, 255

Trichromacy



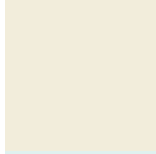
Original Color

218, 245, 210



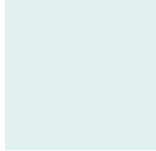
Protanomaly

237, 239, 207



Deuteranomaly

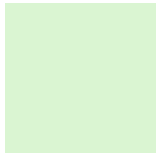
242, 237, 219



Tritanomaly

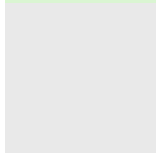
224, 241, 239

Monochromacy



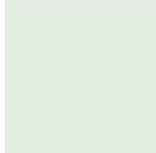
Original Color

218, 245, 210



Achromatopsia

233, 233, 233



Achromatomaly

228, 237, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 245, 210 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(218, 245, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 245, 210)  
}
```

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(218, 245, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 245, 210) }
```

Border

The CSS property to change the border of an element to RGB 218, 245, 210 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(218, 245, 210) }
```

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

```
.border{ border-color:rgb(218, 245, 210) }
```

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

Here you see how a box with a 4 pixel rgb(218, 245, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 245, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 245, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 245,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 218, 245, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 245, 210) }
```

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

```
.background{ background-color: rgb(218,  
245, 210) }
```

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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