

Converting Colors

RGB(218, 230, 166)

Have a look what the booklet for
RGB(218, 230, 166) contains.

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Color

RGB(218, 230, 166)

Conversions

Conversions Part 1

Format	Color
Hex	DAE6A6
RGB	218, 230, 166
RGB Percent	85%, 90%, 65%
CMY	0.1451, 0.0980, 0.3490
CMYK	0.05, 0.00, 0.28, 0.10
HSL	71°, 56%, 78%
HSV	71°, 28%, 90%
XYZ	64.0932, 74.2522, 47.0304
YIQ	219.1160, 13.3920, -22.4480

Conversions

Conversions Part 2

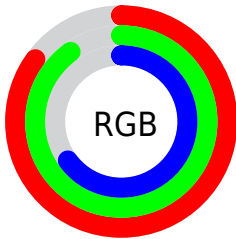
Format	Color
RYB	166, 230, 178
Decimal	14345894
CIELab	89.04, -14.31, 29.92
CIElCh	89, 33.168, 115.554
Yxy	74.2522, 0.3457, 0.4005
Android (android.graphics.Color)	4292535974 (0xFFDAE6A6)
YUV	219.1160, -26.1862, -0.9787
Hunter-Lab	86.1697, -18.0284, 27.9590

Details

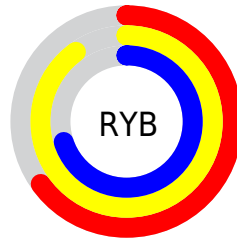
The RGB color **218, 230, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 166, 230**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 221**, and **162, 175, 114** is the 20% darker color. If you saturate the color by 10%, you get **214, 230, 143**, and if you desaturate by 10%, it is **222, 230, 189**.

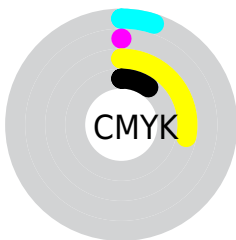
Distribution



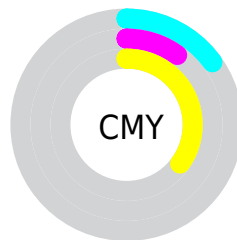
- Red (85%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 230, 166 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, 230, 166 by changing the saturation by 10% instead.

 218, 230, 166

255, 255, 255


 255, 255, 221

 255, 255, 250

 218, 230, 166


 190, 202, 139

 162, 175, 114

 136, 148, 89

 110, 122, 64

 85, 97, 41

 61, 74, 18

 38, 51, 0

 13, 30, 0

 0, 0, 0

 218, 230, 166


 218, 230, 166

 214, 230, 143


 222, 230, 189

 209, 230, 120


 227, 230, 212

 205, 230, 97


 231, 230, 235

 201, 230, 74

 235, 230, 255

 196, 230, 51

 240, 230, 255

 192, 230, 28

 244, 230, 255

 188, 230, 5

 248, 230, 255

 187, 230, 0

 253, 230, 255

 255, 230, 255

Harmonies

Analogous

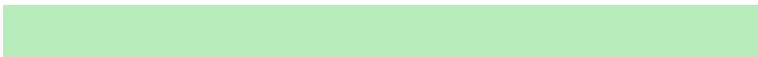
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 220, 161



218, 230, 166



182, 237, 187

Triad

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



218, 230, 166



139, 236, 255



255, 201, 230

Complementary

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



218, 230, 166



178, 166, 230

Split Complementary

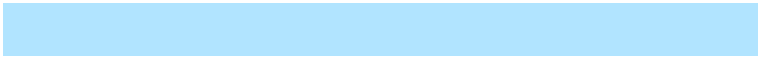
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



218, 230, 166



177, 228, 255

Square

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



218, 230, 166



128, 241, 250



222, 217, 255



255, 202, 198

Rectangle

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



218, 230, 166



158, 240, 207



222, 217, 255



255, 202, 240

Sweetspot

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



218, 230, 166



251, 255, 235



230, 178, 166



125, 128, 115



0, 0, 0



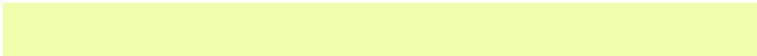
128, 128, 128

Same Dimension

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



218, 230, 166



239, 255, 171



186, 230, 166



113, 115, 103



145, 179, 0



41, 51, 0

Inverse Universe

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



178, 166, 230



187, 171, 255



210, 166, 230



105, 103, 115



33, 0, 179



10, 0, 51

Previews

White Background



This preview shows how the RGB color 218, 230, 166 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, 230, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

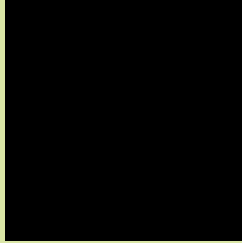
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

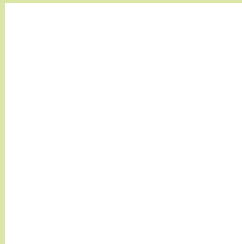
Any Text WCAG AAA ✓ Pass

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

RGB 218, 230, 166 Background



This preview shows how black text looks on a background with the RGB color 218, 230, 166.



This preview shows how white text looks on a background with the RGB color 218, 230, 166.

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](#).

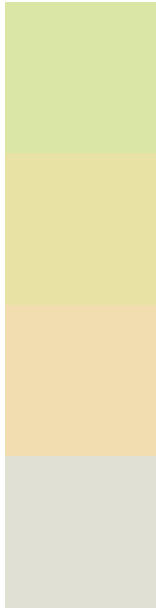
Dichromacy





Tritanopia
228, 221, 238

Trichromacy



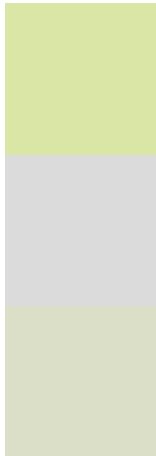
Original Color
218, 230, 166

Protanomaly
232, 226, 164

Deuteranomaly
242, 221, 177

Tritanomaly
224, 224, 212

Monochromacy



Original Color
218, 230, 166

Achromatopsia
219, 219, 219

Achromatomaly
219, 223, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 230, 166 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, 230, 166)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 166)  
}
```

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, 230, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 166) }
```

Border

The CSS property to change the border of an element to RGB 218, 230, 166 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, 230, 166) }
```

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

```
.border{ border-color:rgb(218, 230, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 230, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 166);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 218, 230, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 166) }
```

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

```
.background{ background-color: rgb(218,  
230, 166) }
```

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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