

Converting Colors

RGB(198, 205, 166)

Have a look what the booklet for
RGB(198, 205, 166) contains.

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Color

RGB(198, 205, 166)

Conversions

Conversions Part 1

Format	Color
Hex	C6CDA6
RGB	198, 205, 166
RGB Percent	78%, 80%, 65%
CMY	0.2235, 0.1961, 0.3490
CMYK	0.03, 0.00, 0.19, 0.20
HSL	71°, 28%, 73%
HSV	71°, 19%, 80%
XYZ	52.0030, 58.4216, 44.6120
YIQ	198.4610, 8.3470, -13.6130

Conversions

Conversions Part 2

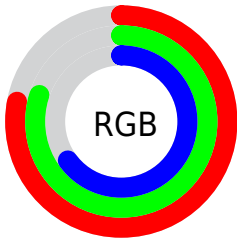
Format	Color
RYB	166, 205, 173
Decimal	13028774
CIELab	80.97, -9.04, 18.65
CIELCh	81, 20.723, 115.860
Yxy	58.4216, 0.3354, 0.3768
Android (android.graphics.Color)	4291218854 (0xFFC6CDA6)
YUV	198.4610, -16.0033, -0.4043
Hunter-Lab	76.4340, -12.3145, 18.8982

Details

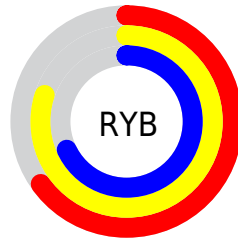
The RGB color **198, 205, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173, 166, 205**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 255, 221**, and **144, 151, 114** is the 20% darker color. If you saturate the color by 10%, you get **194, 205, 146**, and if you desaturate by 10%, it is **202, 205, 187**.

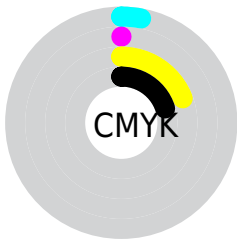
Distribution



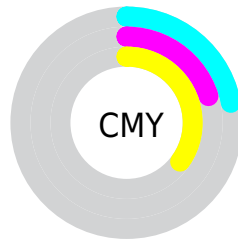
- Red (78%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 205, 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 198, 205, 166 by changing the saturation by 10% instead.


 198, 205, 166

255, 255, 255

 255, 255, 221


 255, 255, 250

 198, 205, 166

 171, 178, 140

 144, 151, 114

 118, 125, 89

 93, 100, 66

 69, 76, 43

 46, 53, 22

 27, 32, 0

 0, 7, 0

 0, 0, 0

 198, 205, 166

 198, 205, 166

 194, 205, 146


 202, 205, 187

 191, 205, 125


 205, 205, 207

 187, 205, 105

 209, 205, 228

 183, 205, 84


 213, 205, 248

 180, 205, 63

 216, 205, 255

 176, 205, 43

 220, 205, 255

 172, 205, 22

 224, 205, 255

 169, 205, 2

 227, 205, 255

 168, 205, 0

 231, 205, 255

Harmonies

Analogous

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



219, 199, 163



198, 205, 166



176, 210, 179

Triad

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



198, 205, 166



156, 209, 232



238, 188, 204

Complementary

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



198, 205, 166



173, 166, 205

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.



224, 191, 223



198, 205, 166



176, 204, 239

Square

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



198, 205, 166



149, 212, 217



201, 197, 236



242, 188, 185

Rectangle

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



198, 205, 166



163, 212, 191



201, 197, 236



234, 188, 211

Sweetspot

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



198, 205, 166



252, 255, 240



205, 173, 166



126, 128, 119



0, 0, 0



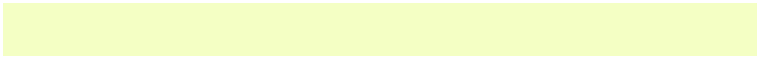
128, 128, 128

Same Dimension

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



198, 205, 166



244, 255, 196



179, 205, 166



100, 102, 92



136, 166, 0



31, 38, 0

Inverse Universe

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



173, 166, 205



207, 196, 255



192, 166, 205



94, 92, 102



30, 0, 166



7, 0, 38

Previews

White Background



This preview shows how the RGB color 198, 205, 166 looks on a white background.

Color Contrast Check

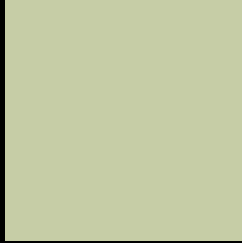
Large Text (above 18pt) WCAG AA × Fail

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 198, 205, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

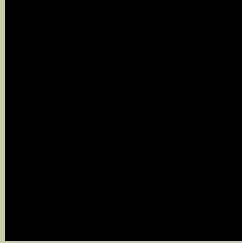
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

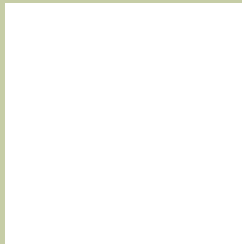
Any Text WCAG AAA ✓ Pass

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

RGB 198, 205, 166 Background



This preview shows how black text looks on a background with the RGB color 198, 205, 166.

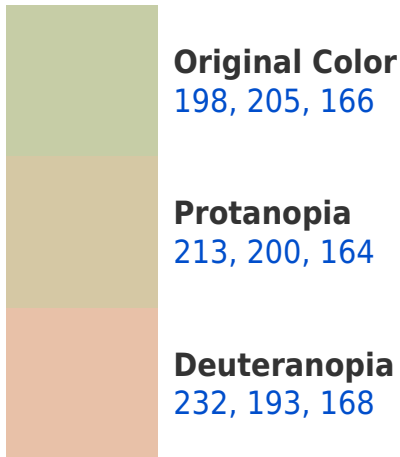


This preview shows how white text looks on a background with the RGB color 198, 205, 166.

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](#).

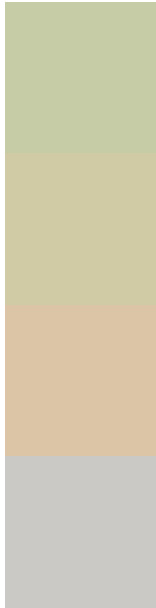
Dichromacy





Tritanopia
205, 198, 214

Trichromacy



Original Color

198, 205, 166

Protanomaly

208, 202, 165

Deuteranomaly

220, 197, 167

Tritanomaly

202, 201, 197

Monochromacy



Original Color

198, 205, 166

Achromatopsia

198, 198, 198

Achromatomaly

198, 201, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 205, 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(198, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 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(198, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 166) }
```

Border

The CSS property to change the border of an element to RGB 198, 205, 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(198, 205, 166) }
```

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

```
.border{ border-color:rgb(198, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 198, 205, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 166) }
```

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

```
.background{ background-color: rgb(198,  
205, 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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