

Converting Colors

RGB(198, 198, 149)

Have a look what the booklet for
RGB(198, 198, 149) contains.

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Color

RGB(198, 198, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C6C695
RGB	198, 198, 149
RGB Percent	78%, 78%, 58%
CMY	0.2235, 0.2235, 0.4157
CMYK	0.00, 0.00, 0.25, 0.22
HSL	60°, 30%, 68%
HSV	60°, 25%, 78%
XYZ	48.9076, 54.5639, 36.3879
YIQ	192.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

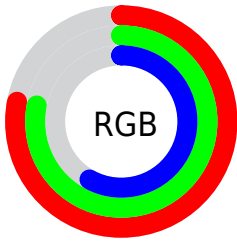
Format	Color
RYB	149, 198, 149
Decimal	13026965
CIELab	78.79, -7.91, 24.64
CIELCh	79, 25.877, 107.796
Yxy	54.5639, 0.3497, 0.3901
Android (android.graphics.Color)	4291217045 (0xFFC6C695)
YUV	192.4140, -21.4031, 4.8989
Hunter-Lab	73.8674, -11.0830, 22.5002

Details

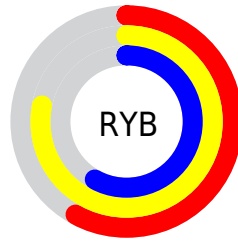
The RGB color **198, 198, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 149, 198**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 255, 203**, and **144, 144, 98** is the 20% darker color. If you saturate the color by 10%, you get **198, 198, 129**, and if you desaturate by 10%, it is **198, 198, 169**.

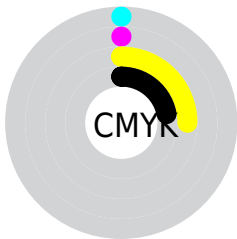
Distribution



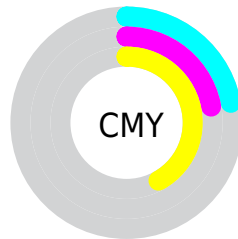
- Red (78%)
- Green (78%)
- Blue (58%)



- Red (58%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 198, 149 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, 198, 149 by changing the saturation by 10% instead.


 198, 198, 149

255, 255, 255


 255, 255, 203

 255, 255, 232

 198, 198, 149

 170, 171, 123

 144, 144, 98

 118, 119, 74

 92, 94, 51

 68, 70, 28

 45, 48, 5

 23, 27, 0

 0, 0, 0

 198, 198, 149


 198, 198, 149


 198, 198, 129


 198, 198, 169


 198, 198, 109


 198, 198, 189


 198, 198, 90


 198, 198, 208

 198, 198, 70


 198, 198, 228

 198, 198, 50

 198, 198, 248

 198, 198, 30

 198, 198, 255

 198, 198, 10

 198, 198, 0

Harmonies

Analogous

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



222, 190, 148



198, 198, 149



171, 204, 162

Triad

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



198, 198, 149



130, 206, 230



237, 179, 206

Complementary

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



198, 198, 149



149, 149, 198

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.



216, 184, 228



198, 198, 149



153, 200, 241

Square

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



198, 198, 149



128, 209, 209



186, 192, 241



245, 178, 181

Rectangle

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



198, 198, 149



153, 207, 176



186, 192, 241



231, 180, 214

Sweetspot

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



198, 198, 149



255, 255, 237



198, 149, 149



128, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



198, 198, 149



255, 255, 179



174, 198, 149



99, 99, 90



163, 163, 0



36, 36, 0

Inverse Universe

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



149, 149, 198



179, 179, 255



174, 149, 198



90, 90, 99



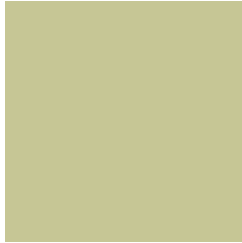
0, 0, 163



0, 0, 36

Previews

White Background



This preview shows how the RGB color 198, 198, 149 looks on a white background.

Color Contrast Check

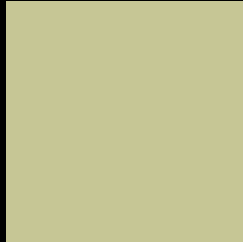
Large Text (above 18pt) WCAG AA × Fail

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, 198, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

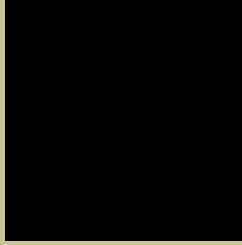
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

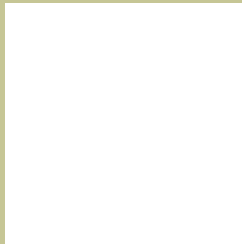
Any Text WCAG AAA ✓ Pass

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

RGB 198, 198, 149 Background



This preview shows how black text looks on a background with the RGB color 198, 198, 149.




This preview shows how white text looks on a background with the RGB color 198, 198, 149.

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](#).

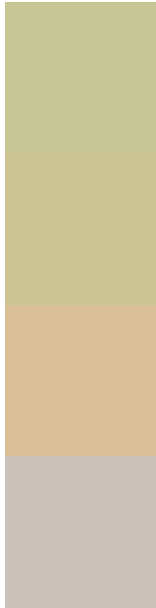
Dichromacy





Tritanopia
205, 191, 205

Trichromacy



Original Color
198, 198, 149

Protanomaly
205, 196, 148

Deuteranomaly
217, 191, 150

Tritanomaly
202, 194, 185

Monochromacy



Original Color
198, 198, 149

Achromatopsia
192, 192, 192

Achromatomaly
194, 194, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 198, 149 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, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 149)  
}
```

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, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 149) }
```

Border

The CSS property to change the border of an element to RGB 198, 198, 149 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, 198, 149) }
```

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

```
.border{ border-color:rgb(198, 198, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 149);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 198, 198, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 149) }
```

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

```
.background{ background-color: rgb(198,  
198, 149) }
```

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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