

Converting Colors

RGB(196, 198, 151)

Have a look what the booklet for
RGB(196, 198, 151) contains.

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Color

RGB(196, 198, 151)

Conversions

Conversions Part 1

Format	Color
Hex	C4C697
RGB	196, 198, 151
RGB Percent	77%, 78%, 59%
CMY	0.2314, 0.2235, 0.4078
CMYK	0.01, 0.00, 0.24, 0.22
HSL	63°, 29%, 68%
HSV	63°, 24%, 78%
XYZ	48.5449, 54.3583, 37.2118
YIQ	192.0440, 13.8950, -15.0410

Conversions

Conversions Part 2

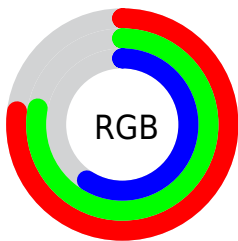
Format	Color
RYB	151, 198, 153
Decimal	12895895
CIELab	78.67, -8.39, 23.39
CIELCh	79, 24.852, 109.725
Yxy	54.3583, 0.3465, 0.3880
Android (android.graphics.Color)	4291085975 (0xFFC4C697)
YUV	192.0440, -20.2347, 3.4694
Hunter-Lab	73.7281, -11.4940, 21.6850

Details

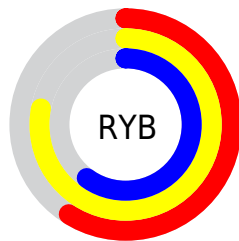
The RGB color **196, 198, 151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **153, 151, 198**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **253, 255, 205**, and **142, 144, 100** is the 20% darker color. If you saturate the color by 10%, you get **195, 198, 131**, and if you desaturate by 10%, it is **197, 198, 171**.

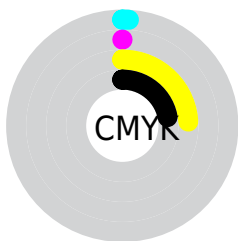
Distribution



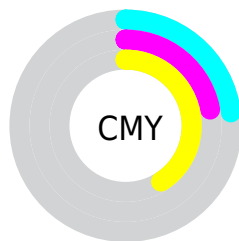
- Red (77%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 198, 151 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 196, 198, 151 by changing the saturation by 10% instead.


 196, 198, 151


255, 255, 255

 253, 255, 205


 255, 255, 234

 196, 198, 151

 169, 171, 125

 142, 144, 100

 116, 119, 76

 91, 94, 52

 67, 70, 30

 44, 48, 7

 22, 27, 0

 0, 0, 0


 196, 198, 151


 196, 198, 151

 195, 198, 131


 197, 198, 171

 194, 198, 111


 198, 198, 191


 193, 198, 92


 199, 198, 210


 193, 198, 72


 199, 198, 230


 192, 198, 52

 200, 198, 250

 191, 198, 32


 201, 198, 255

 190, 198, 12

 202, 198, 255

 190, 198, 0

 203, 198, 255

 204, 198, 255

Harmonies

Analogous

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



220, 190, 150



196, 198, 151



170, 204, 164

Triad

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



196, 198, 151



134, 205, 229



236, 179, 204

Complementary

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



196, 198, 151



153, 151, 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.



217, 184, 225



196, 198, 151



157, 199, 240

Square

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



196, 198, 151



130, 208, 209



188, 192, 238



242, 179, 180

Rectangle

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



196, 198, 151



153, 207, 178



188, 192, 238



231, 180, 211

Sweetspot

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



196, 198, 151



254, 255, 237



198, 153, 151



127, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



196, 198, 151



252, 255, 184



173, 198, 151



99, 99, 90



156, 163, 0



34, 36, 0

Inverse Universe

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



153, 151, 198



187, 184, 255



176, 151, 198



90, 90, 99



7, 0, 163



2, 0, 36

Previews

White Background



This preview shows how the RGB color 196, 198, 151 looks on a white background.

Color Contrast Check

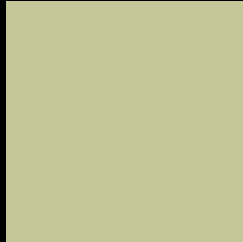
Large Text (above 18pt) WCAG AA × Fail

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 196, 198, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

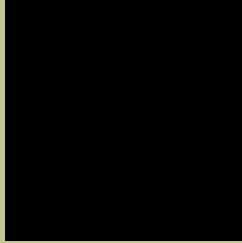
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

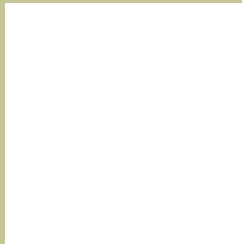
Any Text WCAG AAA ✓ Pass

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

RGB 196, 198, 151 Background



This preview shows how black text looks on a background with the RGB color 196, 198, 151.



This preview shows how white text looks on a background with the RGB color 196, 198, 151.

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
196, 198, 151

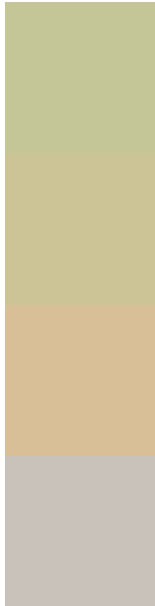
Protanopia
208, 194, 149

Deuteranopia
227, 187, 153



Tritanopia
203, 191, 206

Trichromacy



Original Color
196, 198, 151

Protanomaly
204, 195, 150

Deuteranomaly
216, 191, 152

Tritanomaly
200, 194, 186

Monochromacy



Original Color
196, 198, 151

Achromatopsia
192, 192, 192

Achromatomaly
193, 194, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 198, 151 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(196, 198, 151)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 151)  
}
```

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(196, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 151) }
```

Border

The CSS property to change the border of an element to RGB 196, 198, 151 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(196, 198, 151) }
```

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

```
.border{ border-color:rgb(196, 198, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 151);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 196, 198, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 151) }
```

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

```
.background{ background-color: rgb(196,  
198, 151) }
```

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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