

# Converting Colors

RGB(196, 196, 151)

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

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# **Color**

**RGB(196, 196, 151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C497
RGB	196, 196, 151
RGB Percent	77%, 77%, 59%
CMY	0.2314, 0.2314, 0.4078
CMYK	0.00, 0.00, 0.23, 0.23
HSL	60°, 28%, 68%
HSV	60°, 23%, 77%
XYZ	48.0908, 53.4500, 37.0604
YIQ	190.8700, 14.4450, -13.9950

# Conversions

## Conversions Part 2

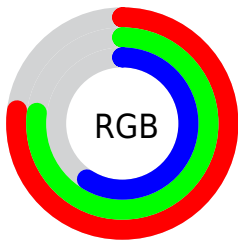
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 196, 151
Decimal	12895383
CIELab	78.14, -7.35, 22.67
CIELCh	78, 23.832, 107.970
Yxy	53.4500, 0.3470, 0.3856
Android (android.graphics.Color)	4291085463 (0xFFC4C497)
YUV	190.8700, -19.6559, 4.4990
Hunter-Lab	73.1095, -10.5259, 21.1216

# Details

The RGB color **196, 196, 151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **151, 151, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **253, 253, 205**, and **142, 142, 100** is the 20% darker color. If you saturate the color by 10%, you get **196, 196, 131**, and if you desaturate by 10%, it is **196, 196, 171**.

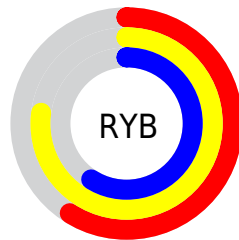
# Distribution



Red (77%)

Green (77%)

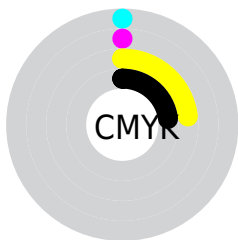
Blue (59%)



Red (59%)

Yellow (77%)

Blue (59%)

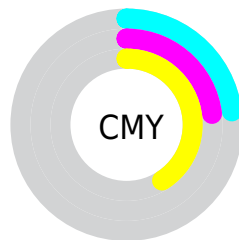


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (41%)

# Brightness & Saturation Gradients

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



 196, 196, 151

255, 255, 255


 253, 253, 205


 255, 255, 234

 196, 196, 151

 169, 169, 125

 142, 142, 100

 116, 117, 76

 91, 92, 52

 67, 69, 30

 44, 47, 8

 22, 26, 0


 0, 0, 0

 196, 196, 151

 196, 196, 151

 196, 196, 131

 196, 196, 171

 196, 196, 112

 196, 196, 190

 196, 196, 92

 196, 196, 210

 196, 196, 73

 196, 196, 229

 196, 196, 53

 196, 196, 249

 196, 196, 33

 196, 196, 255

 196, 196, 14

 196, 196, 0

# Harmonies

## Analogous

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



218, 189, 150



196, 196, 151



171, 202, 163

# Triad

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



196, 196, 151



135, 203, 225



232, 178, 203

# Complementary

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



196, 196, 151



151, 151, 196

# 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.



213, 183, 223



196, 196, 151



156, 198, 236

# Square

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



196, 196, 151



132, 206, 206



185, 191, 235



239, 178, 181

# Rectangle

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



196, 196, 151



154, 204, 176



185, 191, 235



227, 180, 210



# Sweetspot

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



196, 196, 151



255, 255, 237



196, 151, 151



128, 128, 117



0, 0, 0



128, 128, 128



# Same Dimension

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



196, 196, 151



255, 255, 184



174, 196, 151



97, 97, 87



161, 161, 0



33, 33, 0



# Inverse Universe

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



151, 151, 196



184, 184, 255



174, 151, 196



87, 87, 97



0, 0, 161

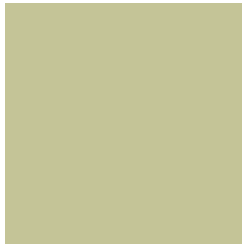


0, 0, 33



# Previews

## White Background



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

## Color Contrast Check

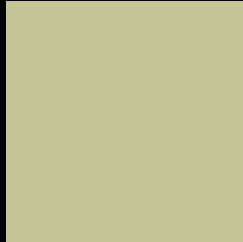
Large Text (above 18pt) WCAG AA × Fail

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, 196, 151 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

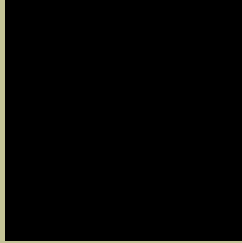
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 196, 196, 151 Background



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




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





**Tritanopia**  
203, 189, 204

# Trichromacy



**Original Color**  
196, 196, 151

**Protanomaly**  
202, 194, 150

**Deuteranomaly**  
214, 189, 152

**Tritanomaly**  
200, 192, 185

# Monochromacy



**Original Color**  
196, 196, 151

**Achromatopsia**  
191, 191, 191

**Achromatomaly**  
193, 193, 176

# CSS Examples

## Text

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

```
.text, #text, p{  
    color:rgb(196, 196, 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, 196, 151) colored shadow looks like.

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

## Border

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

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

```
.border{ border-color:rgb(196, 196, 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, 196, 151)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to RGB 196, 196, 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, 196, 151) }
```

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

```
.background{ background-color: rgb(196,  
196, 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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