

# Converting Colors

RGB(192, 206, 154)

Have a look what the booklet for  
RGB(192, 206, 154) contains.

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# **Color**

**RGB(192, 206, 154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">C0CE9A</a>
RGB	<a href="#">192, 206, 154</a>
RGB Percent	<a href="#">75%, 81%, 60%</a>
CMY	<a href="#">0.2471, 0.1922, 0.3961</a>
CMYK	<a href="#">0.07, 0.00, 0.25, 0.19</a>
HSL	<a href="#">76°, 35%, 71%</a>
HSV	<a href="#">76°, 25%, 81%</a>
XYZ	<a href="#">49.6423, 57.6822, 39.0892</a>
YIQ	<a href="#">195.8860, 8.3480, -19.1400</a>

# Conversions

## Conversions Part 2

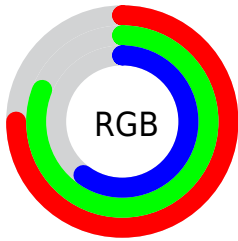
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 206, 168
Decimal	12635802
CIELab	80.56, -13.55, 24.34
CIElCh	81, 27.860, 119.107
Yxy	57.6822, 0.3391, 0.3940
Android (android.graphics.Color)	4290825882 (0xFFC0CE9A)
YUV	195.8860, -20.6498, -3.4080
Hunter-Lab	75.9488, -16.2377, 22.6489

# Details

The RGB color **192, 206, 154** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **168, 154, 206**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **249, 255, 209**, and **138, 152, 103** is the 20% darker color. If you saturate the color by 10%, you get **186, 206, 133**, and if you desaturate by 10%, it is **198, 206, 175**.

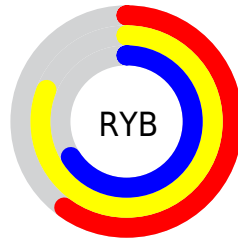
# Distribution



Red (75%)

Green (81%)

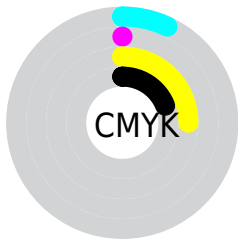
Blue (60%)



Red (60%)

Yellow (81%)

Blue (66%)

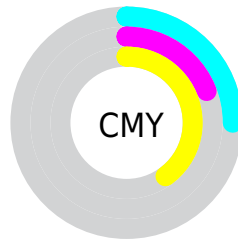


Cyan (7%)

Magenta (0%)

Yellow (25%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 192, 206, 154 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 192, 206, 154 by changing the saturation by 10% instead.



 192, 206, 154

255, 255, 255

 249, 255, 209


 255, 255, 237

 192, 206, 154

 165, 179, 128

 138, 152, 103

 112, 126, 78

 87, 101, 55

 63, 77, 32

 40, 54, 10

 20, 33, 0

 0, 4, 0

 0, 0, 0

192, 206, 154

192, 206, 154

186, 206, 133

198, 206, 175

181, 206, 113

203, 206, 195

175, 206, 92

209, 206, 216

170, 206, 72

214, 206, 236

164, 206, 51

220, 206, 255

159, 206, 30

225, 206, 255

153, 206, 10

231, 206, 255

151, 206, 0

236, 206, 255

242, 206, 255

# Harmonies

## Analogous

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



220, 198, 148



192, 206, 154



162, 212, 172

# Triad

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



192, 206, 154



136, 210, 244



250, 181, 202

# Complementary

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



192, 206, 154



168, 154, 206

# 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.



233, 185, 227



192, 206, 154



167, 203, 251

# Square

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



192, 206, 154



124, 214, 224



203, 194, 245



252, 183, 176

# Rectangle

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



192, 206, 154



144, 214, 189



203, 194, 245



246, 182, 211



# Sweetspot

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



192, 206, 154



250, 255, 235



206, 168, 154



124, 128, 115



0, 0, 0



128, 128, 128

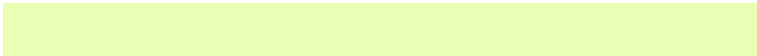


# Same Dimension

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



192, 206, 154



234, 255, 179



166, 206, 154



99, 102, 92



121, 166, 0



28, 38, 0



# Inverse Universe

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



168, 154, 206



199, 179, 255



194, 154, 206



95, 92, 102



45, 0, 166

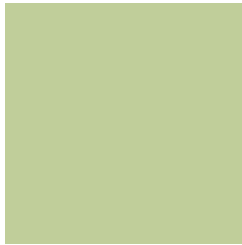


10, 0, 38



# Previews

## White Background



This preview shows how the RGB color 192, 206, 154 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 192, 206, 154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

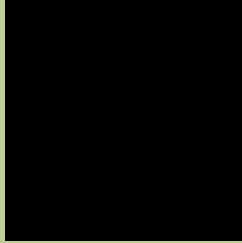
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 192, 206, 154 Background



This preview shows how black text looks on a background with the RGB color 192, 206, 154.

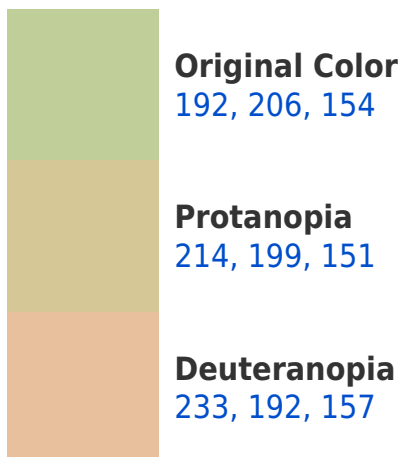



This preview shows how white text looks on a background with the RGB color 192, 206, 154.

# 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

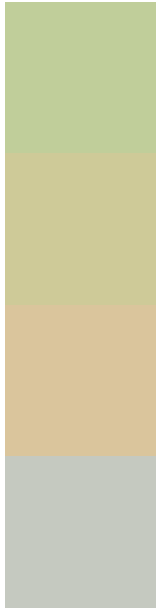




# Tritanopia

200, 198, 214

# Trichromacy



**Original Color**  
192, 206, 154

**Protanomaly**  
206, 202, 152

**Deuteranomaly**  
218, 197, 156

**Tritanomaly**  
197, 201, 192

# Monochromacy



**Original Color**  
192, 206, 154

**Achromatopsia**  
196, 196, 196

**Achromatomaly**  
195, 200, 181

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 192, 206, 154 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(192, 206, 154)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 154)  
}
```

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(192, 206, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 154) }
```

## Border

The CSS property to change the border of an element to RGB 192, 206, 154 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(192, 206, 154) }
```

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

```
.border{ border-color:rgb(192, 206, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 206, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 154);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
154) }
```

# Background

The CSS property to change the background color of an element to RGB 192, 206, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 206, 154) }
```

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

```
.background{ background-color: rgb(192,  
206, 154) }
```

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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