

Converting Colors

RGB(189, 198, 158)

Have a look what the booklet for
RGB(189, 198, 158) contains.

RGB(189, 198, 158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(189, 198, 158)

Conversions

Conversions Part 1

Format	Color
Hex	BDC69E
RGB	189, 198, 158
RGB Percent	74%, 78%, 62%
CMY	0.2588, 0.2235, 0.3804
CMYK	0.05, 0.00, 0.20, 0.22
HSL	73°, 26%, 70%
HSV	73°, 20%, 78%
XYZ	47.3519, 53.6756, 40.2125
YIQ	190.7490, 7.4760, -14.3480

Conversions

Conversions Part 2

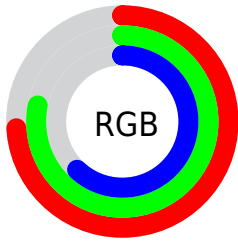
Format	Color
RYB	158, 198, 167
Decimal	12437150
CIELab	78.27, -9.97, 19.05
CIELCh	78, 21.499, 117.640
Yxy	53.6756, 0.3353, 0.3800
Android (android.graphics.Color)	4290627230 (0xFFBDC69E)
YUV	190.7490, -16.1453, -1.5339
Hunter-Lab	73.2636, -12.8429, 18.7418

Details

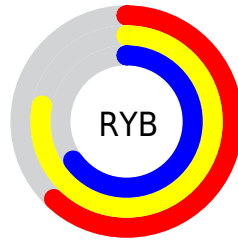
The RGB color **189, 198, 158** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **167, 158, 198**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **245, 255, 213**, and **135, 144, 106** is the 20% darker color. If you saturate the color by 10%, you get **185, 198, 138**, and if you desaturate by 10%, it is **193, 198, 178**.

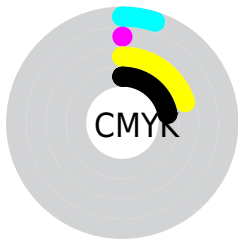
Distribution



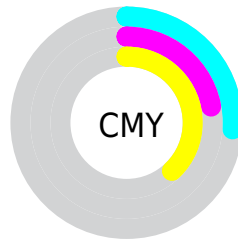
- Red (74%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 198, 158 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 189, 198, 158 by changing the saturation by 10% instead.

 189, 198, 158


255, 255, 255


 245, 255, 213

 255, 255, 241

 189, 198, 158

 162, 171, 132

 135, 144, 106

 110, 119, 82

 85, 94, 59

 62, 70, 37

 39, 48, 16

 18, 27, 0

 0, 0, 0

 189, 198, 158

 189, 198, 158

■ 185, 198, 138

■ 193, 198, 178

■ 180, 198, 118

■ 198, 198, 198

■ 176, 198, 99

■ 202, 198, 217

■ 171, 198, 79

■ 207, 198, 237

■ 167, 198, 59

■ 211, 198, 255

■ 162, 198, 39

■ 216, 198, 255

■ 158, 198, 19

■ 220, 198, 255

■ 153, 198, 0

■ 225, 198, 255

■ 229, 198, 255

Harmonies

Analogous

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



211, 192, 154



189, 198, 158



166, 203, 172

Triad

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



189, 198, 158



147, 201, 227



232, 180, 196

Complementary

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



189, 198, 158



167, 158, 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.



218, 183, 215



189, 198, 158



169, 196, 233

Square

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



189, 198, 158



139, 205, 211



195, 189, 229



235, 181, 176

Rectangle

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



189, 198, 158



153, 205, 184



195, 189, 229



229, 180, 203

Sweetspot

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



189, 198, 158



252, 255, 240



198, 167, 158



125, 128, 119



0, 0, 0



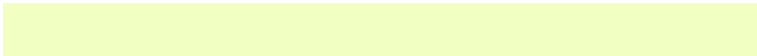
128, 128, 128

Same Dimension

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



189, 198, 158



241, 255, 194



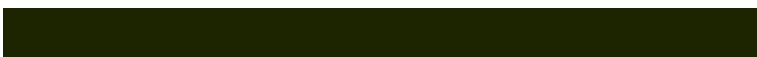
169, 198, 158



97, 99, 90



126, 163, 0



28, 36, 0

Inverse Universe

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



167, 158, 198



208, 194, 255



187, 158, 198



92, 90, 99



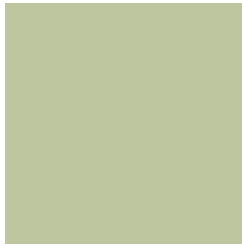
37, 0, 163



8, 0, 36

Previews

White Background



This preview shows how the RGB color 189, 198, 158 looks on a white background.

Color Contrast Check

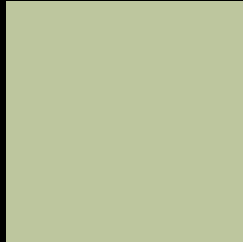
Large Text (above 18pt) WCAG AA × Fail

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 189, 198, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

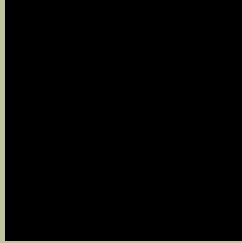
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

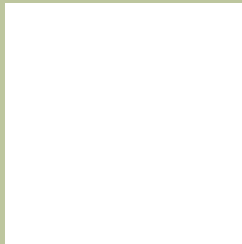
Any Text WCAG AAA ✓ Pass

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

RGB 189, 198, 158 Background



This preview shows how black text looks on a background with the RGB color 189, 198, 158.



This preview shows how white text looks on a background with the RGB color 189, 198, 158.

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
189, 198, 158

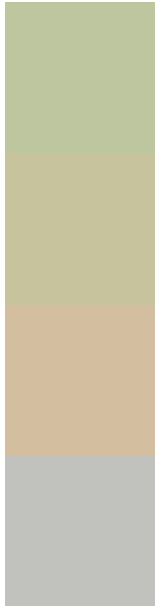
Protanopia
205, 193, 156

Deuteranopia
224, 186, 160



Tritanopia
196, 191, 206

Trichromacy



Original Color
189, 198, 158

Protanomaly
199, 195, 157

Deuteranomaly
211, 190, 159

Tritanomaly
193, 194, 189

Monochromacy



Original Color
189, 198, 158

Achromatopsia
191, 191, 191

Achromatomaly
190, 194, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 198, 158 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(189, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 158)  
}
```

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(189, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 158) }
```

Border

The CSS property to change the border of an element to RGB 189, 198, 158 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(189, 198, 158) }
```

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

```
.border{ border-color:rgb(189, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 198, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 198, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 198,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 189, 198, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 158) }
```

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

```
.background{ background-color: rgb(189,  
198, 158) }
```

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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