

Converting Colors

RGB(187, 168, 158)

Have a look what the booklet for
RGB(187, 168, 158) contains.

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Color

RGB(187, 168, 158)

Conversions

Conversions Part 1

Format	Color
Hex	BBA89E
RGB	187, 168, 158
RGB Percent	73%, 66%, 62%
CMY	0.2667, 0.3412, 0.3804
CMYK	0.00, 0.10, 0.16, 0.27
HSL	21°, 18%, 68%
HSV	21°, 16%, 73%
XYZ	40.6677, 41.0387, 38.1256
YIQ	172.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

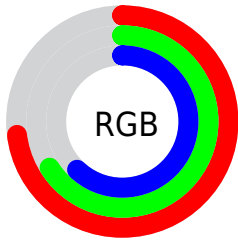
Format	Color
RYB	187, 173, 158
Decimal	12298398
CIELab	70.20, 5.20, 7.66
CIElCh	70, 9.260, 55.812
Yxy	41.0387, 0.3394, 0.3425
Android (android.graphics.Color)	4290488478 (0xFFBBA89E)
YUV	172.5410, -7.1687, 12.6805
Hunter-Lab	64.0614, 1.2085, 9.5571

Details

The RGB color **187, 168, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 177, 187**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **243, 223, 213**, and **134, 116, 107** is the 20% darker color. If you saturate the color by 10%, you get **187, 156, 139**, and if you desaturate by 10%, it is **187, 180, 177**.

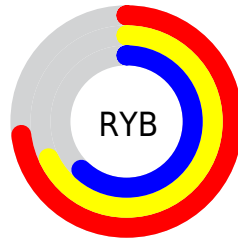
Distribution



Red (73%)

Green (66%)

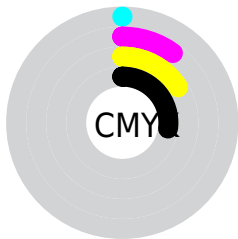
Blue (62%)



Red (73%)

Yellow (68%)

Blue (62%)

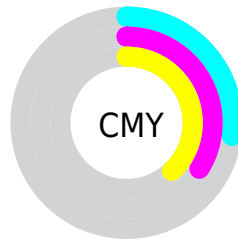


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 168, 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 187, 168, 158 by changing the saturation by 10% instead.


 187, 168, 158


255, 255, 255


 243, 223, 213

 255, 252, 241

 187, 168, 158


 160, 142, 132

 134, 116, 107

 108, 91, 83


 84, 68, 59

 60, 46, 38


 38, 25, 17

 14, 0, 0

 0, 0, 0

 187, 168, 158


 187, 168, 158

 187, 156, 139

 187, 180, 177

 187, 143, 121

 187, 193, 195

 187, 131, 102

 187, 205, 214

 187, 119, 83

 187, 217, 233

 187, 107, 65

 187, 229, 251

 187, 94, 46

 187, 242, 255

 187, 82, 27

 187, 254, 255

 187, 70, 8

 187, 255, 255

 187, 64, 0

Harmonies

Analogous

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



190, 166, 165



187, 168, 158



180, 171, 155

Triad

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



187, 168, 158



154, 177, 170



172, 170, 187

Complementary

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



187, 168, 158



158, 177, 187

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.



162, 173, 188



187, 168, 158



151, 176, 179

Square

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



187, 168, 158



161, 176, 162



154, 175, 185



182, 167, 181

Rectangle

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



187, 168, 158



174, 172, 155



154, 175, 185



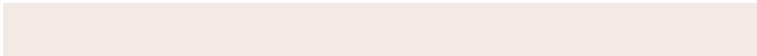
168, 171, 188

Sweetspot

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



187, 168, 158



242, 234, 230



187, 158, 177



122, 118, 115



250, 250, 250



122, 122, 122

Same Dimension

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



187, 168, 158



242, 212, 196



187, 182, 158



94, 88, 85



158, 55, 0



31, 11, 0

Inverse Universe

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



158, 177, 187



196, 226, 242



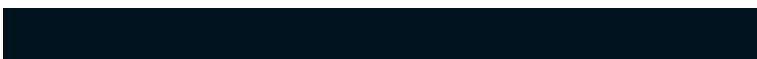
158, 163, 187



85, 91, 94



0, 104, 158



0, 20, 31

Previews

White Background



This preview shows how the RGB color 187, 168, 158 looks on a white background.

Color Contrast Check

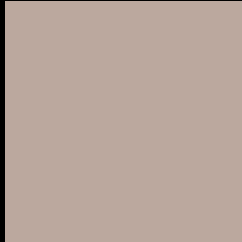
Large Text (above 18pt) WCAG AA × Fail

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 187, 168, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

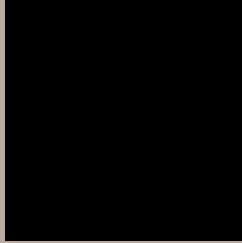
Any Text WCAG AA ✓ Pass

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 187, 168, 158 Background



This preview shows how black text looks on a background with the RGB color 187, 168, 158.



This preview shows how white text looks on a background with the RGB color 187, 168, 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
187, 168, 158

Protanopia
178, 171, 160

Deuteranopia
193, 166, 158



Tritanopia
190, 165, 178

Trichromacy



Original Color

187, 168, 158

Protanomaly

181, 170, 159

Deuteranomaly

191, 167, 158

Tritanomaly

189, 166, 171

Monochromacy



Original Color

187, 168, 158

Achromatopsia

173, 173, 173

Achromatomaly

178, 171, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 168, 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(187, 168, 158) looks like.

```
.text, #text, p{  
    color:rgb(187, 168, 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(187, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 168, 158) }
```

Border

The CSS property to change the border of an element to RGB 187, 168, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

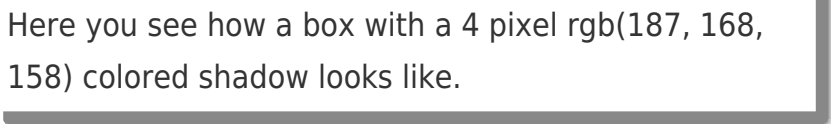
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 168, 158) }
```

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

```
.border{ border-color:rgb(187, 168, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 168, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 168, 158); box-shadow:4px 4px 4px 4px rgb(187, 168, 158) }
```

Background

The CSS property to change the background color of an element to RGB 187, 168, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 168, 158) }
```

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

```
.background{ background-color: rgb(187,  
168, 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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