

Converting Colors

Hex(58B189)

Have a look what the booklet for
Hex(58B189) contains.

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Color

Hex(58B189)

Conversions

Conversions Part 1

Format	Color
Hex	58B189
RGB	88, 177, 137
RGB Percent	35%, 69%, 54%
CMY	0.6549, 0.3059, 0.4627
CMYK	0.50, 0.00, 0.23, 0.31
HSL	153°, 36%, 52%
HSV	153°, 50%, 69%
XYZ	24.2620, 35.3251, 29.2066
YIQ	145.8290, -40.2040, -31.3080

Conversions

Conversions Part 2

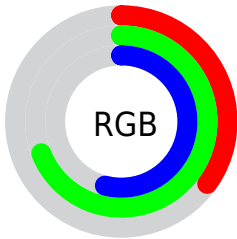
Format	Color
RYB	88, 145, 177
Decimal	5812617
CIELab	66.00, -36.28, 12.40
CIELCh	66, 38.337, 161.134
Yxy	35.3251, 0.2732, 0.3978
Android (android.graphics.Color)	4284002697 (0xFF58B189)
YUV	145.8290, -4.3527, -50.7160
Hunter-Lab	59.4349, -31.1455, 12.4691

Details

The Hex color **58B189** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B15880**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8FE9BE**, and **1C7C57** is the 20% darker color. If you saturate the color by 10%, you get **46B181**, and if you desaturate by 10%, it is **6AB191**.

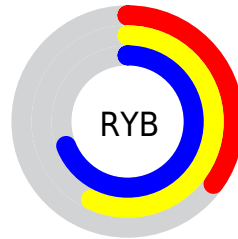
Distribution



Red (35%)

Green (69%)

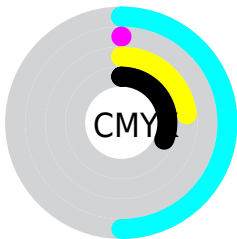
Blue (54%)



Red (35%)

Yellow (57%)

Blue (69%)

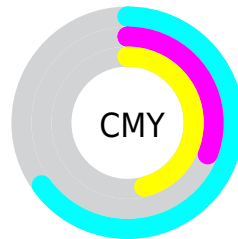


Cyan (50%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (65%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58B189 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 Hex color 58B189 by changing the saturation by 10% instead.

 58B189

 58B189

FFFFFF

 3C9670

 8FE9BE

 1C7C57

 ABFFDA

 006240

 C8FFF7

 004A2A

 E5FFFF

 003215

 001D00

 000000

 58B189

 58B189

 46B181


 6AB191

 35B179

 7BB199

 23B171

 8DB1A1

 11B169

 9FB1A9

 00B161

 B1B1B1

 C2B1B9

 D4B1C1

 E6B1C9

 F7B1D1

Harmonies

Analogous

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



84AC6B



58B189



19B3AC

Triad

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



58B189



839FE4



DE8B75

Complementary

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



58B189



B15880

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.



E38595



58B189



B593D4

Square

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



58B189



42AAE1



D588B7



C99760

Rectangle

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



58B189



00B2C3



D588B7



E1897F

Sweetspot

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



58B189



C3E6D6



80B158



5E7369



F2F2F2



737373

Same Dimension

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



58B189



5CE6A8



58ADB1



505955



009954



001A0E

Inverse Universe

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



B15880



E65C9A



B15C58



595054



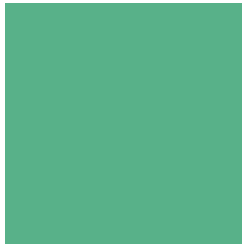
990045



1A000B

Previews

White Background



This preview shows how the Hex color 58B189 looks on a white background.

Color Contrast Check

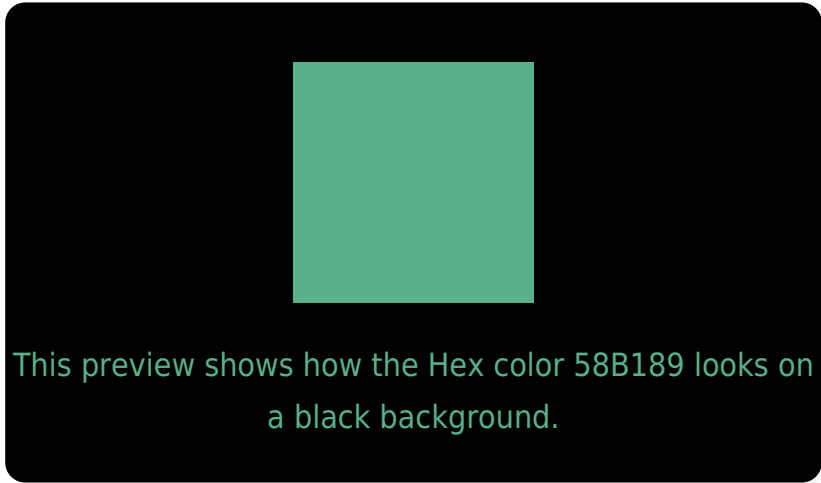
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

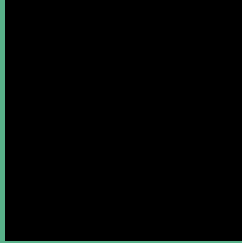
Any Text WCAG AA ✓ Pass

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](#).

Hex 58B189 Background



This preview shows how black text looks on a background with the Hex color 58B189.

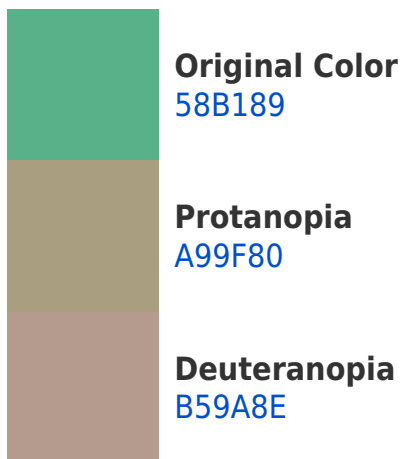


This preview shows how white text looks on a background with the Hex color 58B189.

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](#).

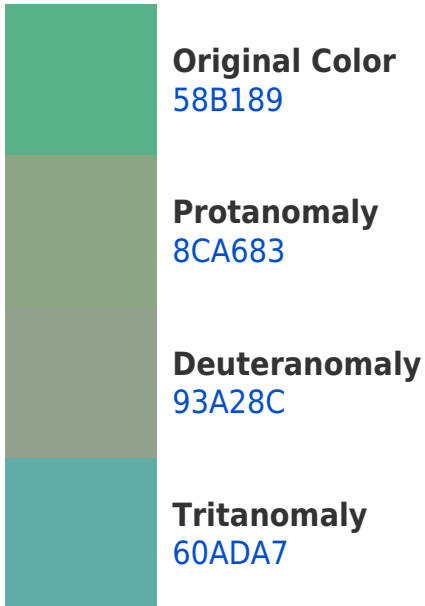
Dichromacy





Tritanopia
65ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58B189 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 #58B189 looks like.

```
.text, #text, p{  
    color:#58B189  
}
```

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 #58B189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B189
}
```

Border

The CSS property to change the border of an element to Hex 58B189 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
#58B189 }
```

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

```
.border{ border-color:#58B189 }
```

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

Here you see how a box with a 4 pixel #58B189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B189; -webkit-box-shadow:4px 4px  
4px 4px #58B189; box-shadow:4px 4px 4px  
4px #58B189 }
```

Background

The CSS property to change the background color of an element to Hex 58B189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B189 }
```

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

```
.background{ background-color:#58B189 }
```

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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