

Converting Colors

Hex(50B889)

Have a look what the booklet for
Hex(50B889) contains.

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Color

Hex(50B889)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 50B889 |
| RGB | 80, 184, 137 |
| RGB Percent | 31%, 72%, 54% |
| CMY | 0.6863, 0.2784, 0.4627 |
| CMYK | 0.57, 0.00, 0.26, 0.28 |
| HSL | 153°, 42%, 52% |
| HSV | 153°, 57%, 72% |
| XYZ | 24.9641, 37.7926, 29.6459 |
| YIQ | 147.5460, -46.8970, -36.6650 |

Conversions

Conversions Part 2

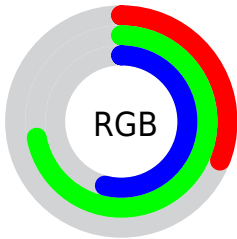
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 80, 147, 184 |
| Decimal | 5290121 |
| CIELab | 67.87, -41.29, 14.97 |
| CIELCh | 68, 43.922, 160.071 |
| Yxy | 37.7926, 0.2702, 0.4090 |
| Android (android.graphics.Color) | 4283480201 (0xFF50B889) |
| YUV | 147.5460, -5.1992, -59.2378 |
| Hunter-Lab | 61.4757, -35.0970, 14.4411 |

Details

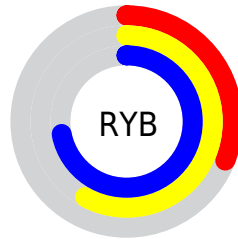
The Hex color **50B889** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B8507F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **89F1BE**, and **028257** is the 20% darker color. If you saturate the color by 10%, you get **3EB881**, and if you desaturate by 10%, it is **62B891**.

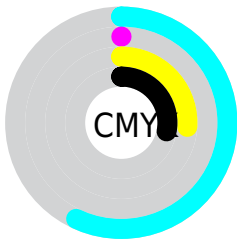
Distribution



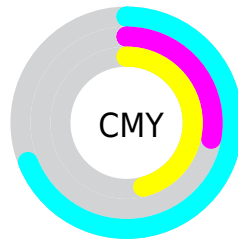
- Red (31%)
- Green (72%)
- Blue (54%)



- Red (31%)
- Yellow (58%)
- Blue (72%)



- Cyan (57%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Hex color 50B889 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 50B889 by changing the saturation by 10% instead.

 50B889

 50B889


FFFFFF

 319D70

 89F1BE

 028257

 A6FFDA

 006840

 C2FFF7

 004F29

 E0FFFF

 003714

FEFFFF

 002200

 000000

 50B889

 50B889

 3EB881

 62B891

 2BB878

 75B89A

 19B870

 87B8A2

 06B868

 9AB8AA

 00B865

 ACB8B3

 BEB8BB

 D1B8C3

 E3B8CC

 F6B8D4

Harmonies

Analogous

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



86B267



50B889



00BAB2

Triad

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



50B889



7EA5F3



EB8C74

Complementary

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



50B889



B8507F

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.



F18599



50B889



BB96E2

Square

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



50B889



17B1EF



E189C1



D49A5B

Rectangle

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



50B889



00B9CC



E189C1



EF8980

Sweetspot

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



50B889



C7F0DD



81B850



60786D



F7F7F7



787878

Same Dimension

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



50B889



4DF0A6



50B5B8



535C58



009C55



001C0F

Inverse Universe

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



B8507F



F04D96



B85350



5C5357



9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 50B889 looks on a white background.

Color Contrast Check

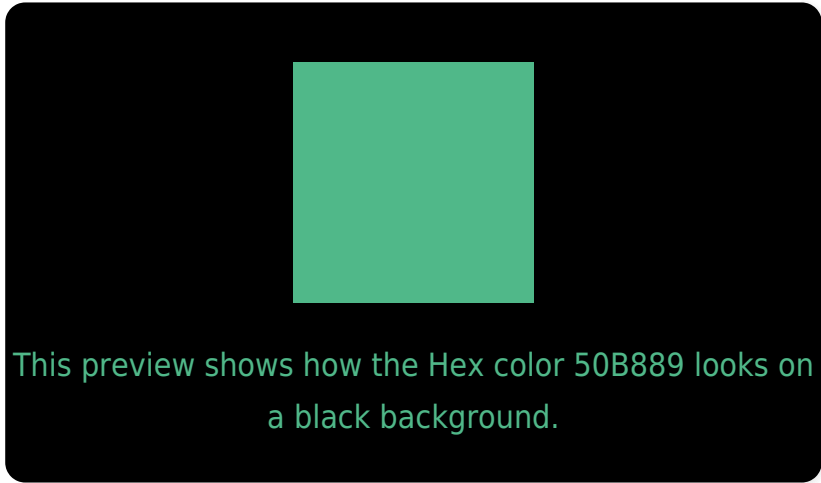
Large Text (above 18pt) WCAG AA × Fail

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

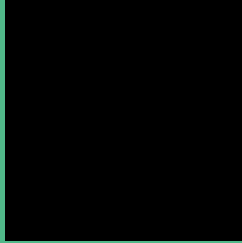
Any Text WCAG AA ✓ Pass

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 50B889 Background



This preview shows how black text looks on a background with the Hex color 50B889.

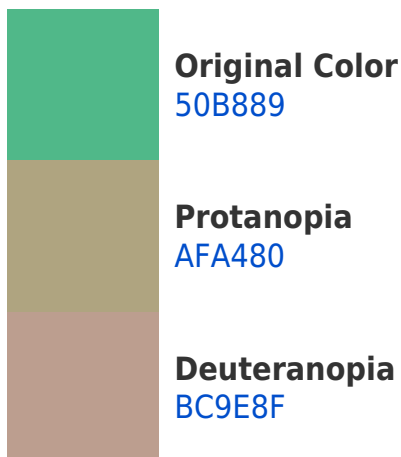


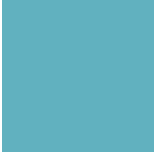
This preview shows how white text looks on a background with the Hex color 50B889.

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
61B1BF

Trichromacy



Original Color
50B889



Protanomaly
8CAB83



Deuteranomaly
95A78D



Tritanomaly
5BB4AB

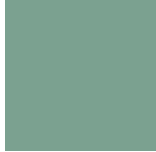
Monochromacy



Original Color
50B889



Achromatopsia
949494



Achromatomaly
7BA190

CSS Examples

Text

The CSS property to change the color of the text to Hex 50B889 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 #50B889 looks like.

```
.text, #text, p{  
    color:#50B889  
}
```

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 #50B889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B889
}
```

Border

The CSS property to change the border of an element to Hex 50B889 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
#50B889 }
```

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

```
.border{ border-color:#50B889 }
```

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

Here you see how a box with a 4 pixel #50B889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B889; -webkit-box-shadow:4px 4px  
4px 4px #50B889; box-shadow:4px 4px 4px  
4px #50B889 }
```

Background

The CSS property to change the background color of an element to Hex 50B889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B889 }
```

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

```
.background{ background-color:#50B889 }
```

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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