

Converting Colors

Hex(50B768)

Have a look what the booklet for
Hex(50B768) contains.

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Color

Hex(50B768)

Conversions

Conversions Part 1

Format	Color
Hex	50B768
RGB	80, 183, 104
RGB Percent	31%, 72%, 41%
CMY	0.6863, 0.2824, 0.5922
CMYK	0.56, 0.00, 0.43, 0.28
HSL	134°, 42%, 52%
HSV	134°, 56%, 72%
XYZ	22.7404, 36.5719, 18.9572
YIQ	143.1970, -36.0290, -46.4050

Conversions

Conversions Part 2

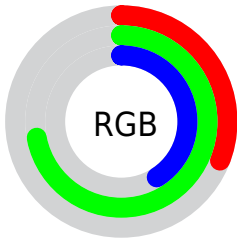
Format	Color
RYB	80, 164, 183
Decimal	5289832
CIELab	66.95, -47.16, 31.35
CIElCh	67, 56.629, 146.389
Yxy	36.5719, 0.2905, 0.4673
Android (android.graphics.Color)	4283479912 (0xFF50B768)
YUV	143.1970, -19.3241, -55.4238
Hunter-Lab	60.4747, -38.7090, 23.7464

Details

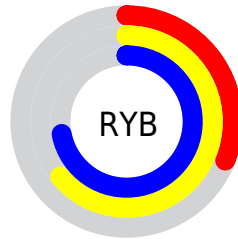
The Hex color **50B768** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B7509F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **89F09C**, and **028137** is the 20% darker color. If you saturate the color by 10%, you get **3EB75A**, and if you desaturate by 10%, it is **62B776**.

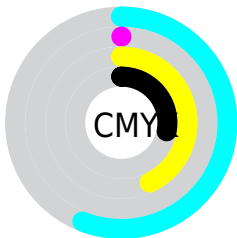
Distribution



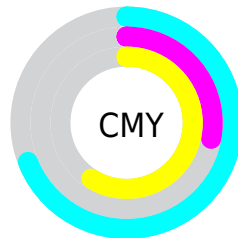
- Red (31%)
- Green (72%)
- Blue (41%)



- Red (31%)
- Yellow (64%)
- Blue (72%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Hex color 50B768 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 50B768 by changing the saturation by 10% instead.

 50B768

 50B768

FFFFFF

 319C4F

 89F09C

 028137

 A6FFB7

 006720

 C3FFD3

 004E06

 E0FFF0

 003600

FEFFFF

 002000

 000000

 50B768

 50B768

 3EB75A

 62B776

 2BB74C

 75B784

 19B73E

 87B792

 07B730

 99B7A0

 00B72B

 ACB7AE

 BEB7BC

 D0B7CA

 E2B7D8

 F5B7E6

Harmonies

Analogous

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



92AD42



50B768



00BC9B

Triad

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



50B768



00A AFF



FF7A79

Complementary

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



50B768



B7509F

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.



FC76AB



50B768



9B98FE

Square

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



50B768



00B6F7



DB83DC



EB8B4E

Rectangle

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



50B768



00BCBE



DB83DC



FF7689

Sweetspot

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



50B768



C5EDCE



A1B750



607865



F7F7F7



787878

Same Dimension

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



50B768



4CED71



50B79A



535C55



009C24



001C07

Inverse Universe

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



B7509F



ED4CC8



B7506D



5C535A



9C0077



1C0016

Previews

White Background



This preview shows how the Hex color 50B768 looks on a white background.

Color Contrast Check

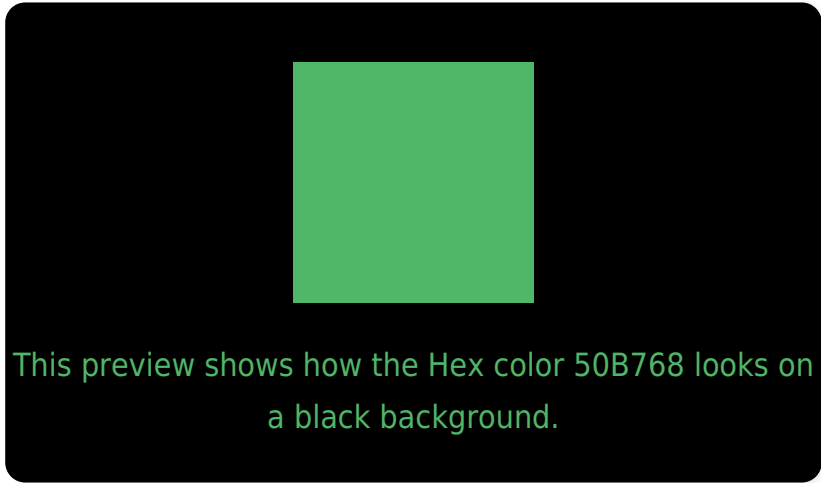
Large Text (above 18pt) WCAG AA × Fail

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

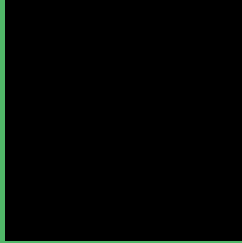
Any Text WCAG AA ✓ Pass

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 50B768 Background



This preview shows how black text looks on a background with the Hex color 50B768.

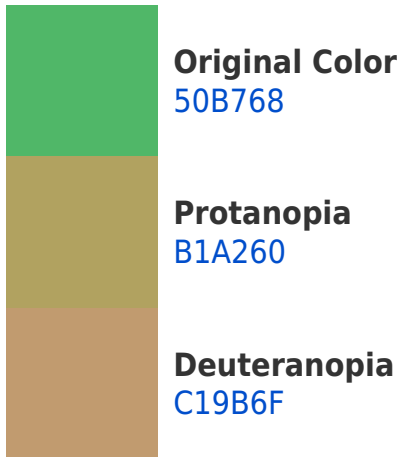


This preview shows how white text looks on a background with the Hex color 50B768.

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
66ADBB

Trichromacy



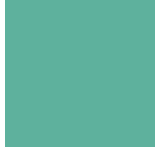
Original Color
50B768



Protanomaly
8EAA63



Deuteranomaly
98A56C



Tritanomaly
5EB19D

Monochromacy



Original Color
50B768



Achromatopsia
8F8F8F



Achromatomaly
789E81

CSS Examples

Text

The CSS property to change the color of the text to Hex 50B768 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 #50B768 looks like.

```
.text, #text, p{  
    color:#50B768  
}
```

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 #50B768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B768
}
```

Border

The CSS property to change the border of an element to Hex 50B768 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
#50B768 }
```

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

```
.border{ border-color:#50B768 }
```

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

Here you see how a box with a 4 pixel #50B768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B768; -webkit-box-shadow:4px 4px  
4px 4px #50B768; box-shadow:4px 4px 4px  
4px #50B768 }
```

Background

The CSS property to change the background color of an element to Hex 50B768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B768 }
```

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

```
.background{ background-color:#50B768 }
```

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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