

Converting Colors

Hex(57B86C)

Have a look what the booklet for
Hex(57B86C) contains.

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Color

Hex(57B86C)

Conversions

Conversions Part 1

Format	Color
Hex	57B86C
RGB	87, 184, 108
RGB Percent	34%, 72%, 42%
CMY	0.6588, 0.2784, 0.5765
CMYK	0.53, 0.00, 0.41, 0.28
HSL	133°, 41%, 53%
HSV	133°, 53%, 72%
XYZ	23.7777, 37.3899, 20.1511
YIQ	146.3330, -33.4160, -44.2000

Conversions

Conversions Part 2

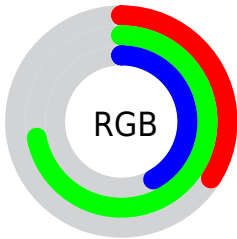
Format	Color
RYB	87, 167, 184
Decimal	5748844
CIELab	67.57, -45.16, 30.11
CIELCh	68, 54.275, 146.307
Yxy	37.3899, 0.2924, 0.4598
Android (android.graphics.Color)	4283938924 (0xFF57B86C)
YUV	146.3330, -18.8982, -52.0350
Hunter-Lab	61.1473, -37.5963, 23.2641

Details

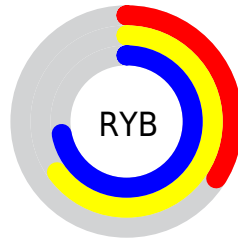
The Hex color **57B86C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B857A3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8FF1A0**, and **16823B** is the 20% darker color. If you saturate the color by 10%, you get **45B85E**, and if you desaturate by 10%, it is **69B87A**.

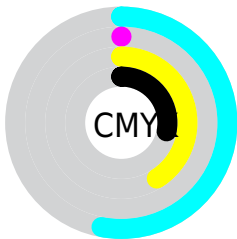
Distribution



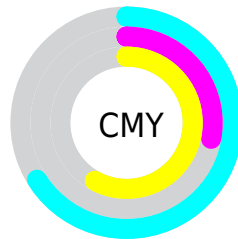
- Red (34%)
- Green (72%)
- Blue (42%)



- Red (34%)
- Yellow (65%)
- Blue (72%)



- Cyan (53%)
- Magenta (0%)
- Yellow (41%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B86C 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 57B86C by changing the saturation by 10% instead.

 57B86C

 57B86C

FFFFFF

 3A9D53

 8FF1A0

 16823B

 ACFFBC

 006824

 C8FFD8

 004F0C

 E6FFF4

 003700

 002200

 000000

 57B86C

 57B86C

 45B85E

 69B87A

 32B84F

 7CB889

 20B841

 8EB897

 0DB832

 A1B8A6

 00B828

 B3B8B4

 C5B8C2

 D8B8D1

 EAB8DF

 FDB8EE

Harmonies

Analogous

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



95AF48



57B86C



00BC9D

Triad

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



57B86C



21ACFF



FE7E7C

Complementary

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



57B86C



B857A3

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.



FA7AAD



57B86C



9D9AFC

Square

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



57B86C



00B7F5



DB87DC



EA8E54

Rectangle

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



57B86C



00BDBE



DB87DC



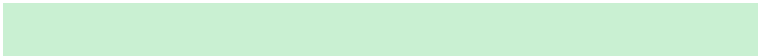
FF7B8C

Sweetspot

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



57B86C



C9F0D2



A5B857



617866



F7F7F7



787878

Same Dimension

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



57B86C



59F079



57B89B



535C55



009C22



001C06

Inverse Universe

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



B857A3



F059CF



B85774



5C535A



9C007A



1C0016

Previews

White Background



This preview shows how the Hex color 57B86C looks on a white background.

Color Contrast Check

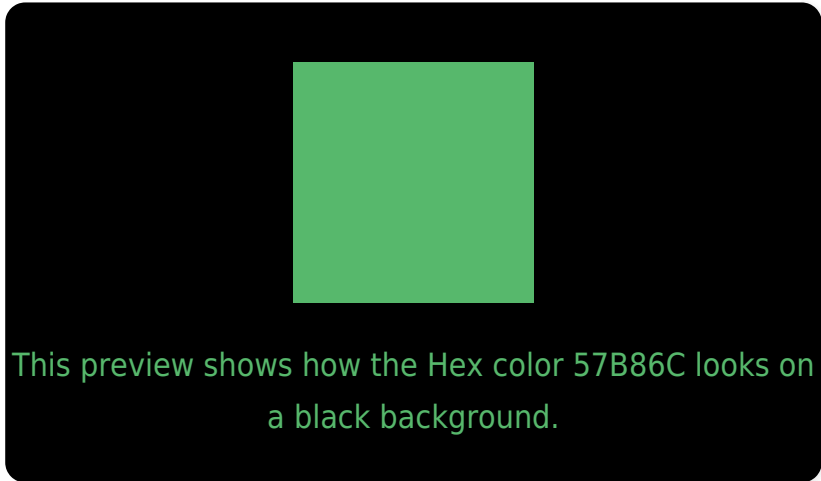
Large Text (above 18pt) WCAG AA × Fail

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

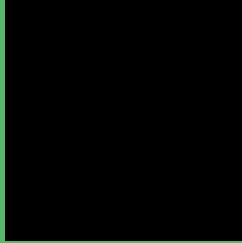
Any Text WCAG AA ✓ Pass

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 57B86C Background



This preview shows how black text looks on a background with the Hex color 57B86C.

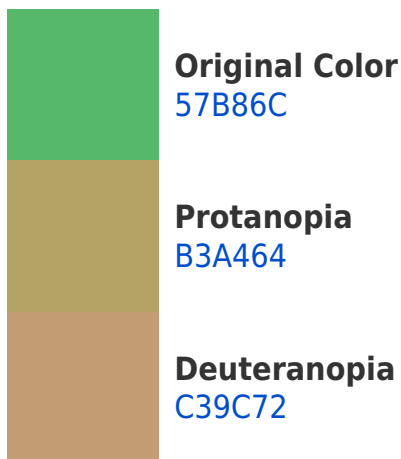


This preview shows how white text looks on a background with the Hex color 57B86C.

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](#).

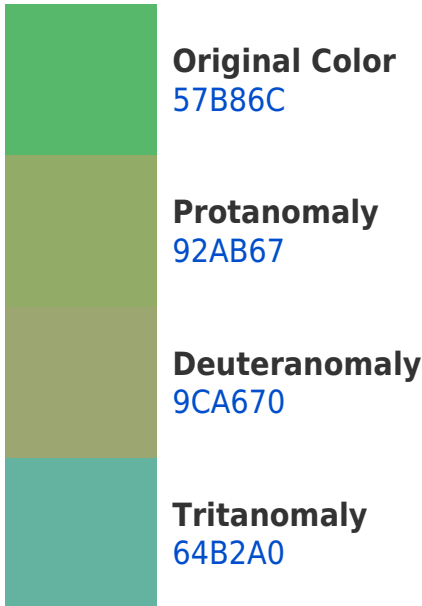
Dichromacy





Tritanopia
6BAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B86C 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 #57B86C looks like.

```
.text, #text, p{  
    color:#57B86C  
}
```

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 #57B86C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B86C
}
```

Border

The CSS property to change the border of an element to Hex 57B86C 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
#57B86C }
```

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

```
.border{ border-color:#57B86C }
```

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

Here you see how a box with a 4 pixel #57B86C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B86C; -webkit-box-shadow:4px 4px  
4px 4px #57B86C; box-shadow:4px 4px 4px  
4px #57B86C }
```

Background

The CSS property to change the background color of an element to Hex 57B86C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B86C }
```

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

```
.background{ background-color:#57B86C }
```

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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