

Converting Colors

Hex(57B666)

Have a look what the booklet for
Hex(57B666) contains.

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Color

Hex(57B666)

Conversions

Conversions Part 1

Format	Color
Hex	57B666
RGB	87, 182, 102
RGB Percent	34%, 71%, 40%
CMY	0.6588, 0.2863, 0.6000
CMYK	0.52, 0.00, 0.44, 0.29
HSL	129°, 39%, 53%
HSV	129°, 52%, 71%
XYZ	23.0567, 36.4414, 18.3891
YIQ	144.4750, -30.9400, -45.0200

Conversions

Conversions Part 2

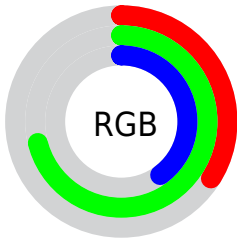
Format	Color
RYB	87, 169, 182
Decimal	5748326
CIELab	66.86, -45.30, 32.30
CIELCh	67, 55.641, 144.509
Yxy	36.4414, 0.2960, 0.4679
Android (android.graphics.Color)	4283938406 (0xFF57B666)
YUV	144.4750, -20.9402, -50.4056
Hunter-Lab	60.3667, -37.4649, 24.1957

Details

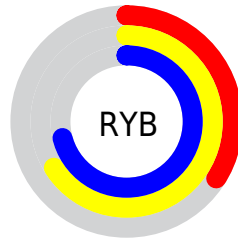
The Hex color **57B666** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B657A7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8FEF9A**, and **178035** is the 20% darker color. If you saturate the color by 10%, you get **45B657**, and if you desaturate by 10%, it is **69B675**.

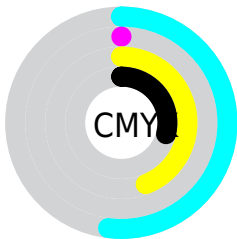
Distribution



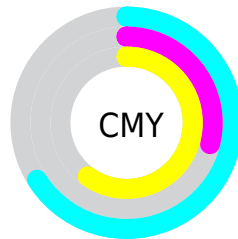
- Red (34%)
- Green (71%)
- Blue (40%)



- Red (34%)
- Yellow (66%)
- Blue (71%)



- Cyan (52%)
- Magenta (0%)
- Yellow (44%)
- Black (29%)



- Cyan (66%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B666 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 57B666 by changing the saturation by 10% instead.

 57B666

 57B666

FFFFFF

 3A9B4D

 8FEF9A

 178035

 ABFFB5

 00661D

 C8FFD1

 004D04

 E5FFEE

 003500

 002000

 000000

 57B666

 57B666

 45B657

 69B675

 33B647

 7BB685

 20B638

 8EB694

 0EB629

 A0B6A3

 00B61D

 B2B6B3

 C4B6C2

 D6B6D1

 E9B6E1

 FBB6F0

Harmonies

Analogous

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



96AC42



57B666



00BB97

Triad

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



57B666



00ABFF



FE7A7C

Complementary

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



57B666



B657A7

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.



F977AE



57B666



9599FE

Square

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



57B666



00B6F3



D785DD



EB8A52

Rectangle

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



57B666



00BBBA



D785DD



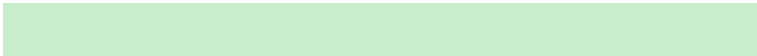
FF778C

Sweetspot

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



57B666



C7EDCD



A8B657



617865



F7F7F7



787878

Same Dimension

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



57B666



58ED6F



57B695



535C54



009C19



001C04

Inverse Universe

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



B657A7



ED58D6



B65778



5C535A



9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 57B666 looks on a white background.

Color Contrast Check

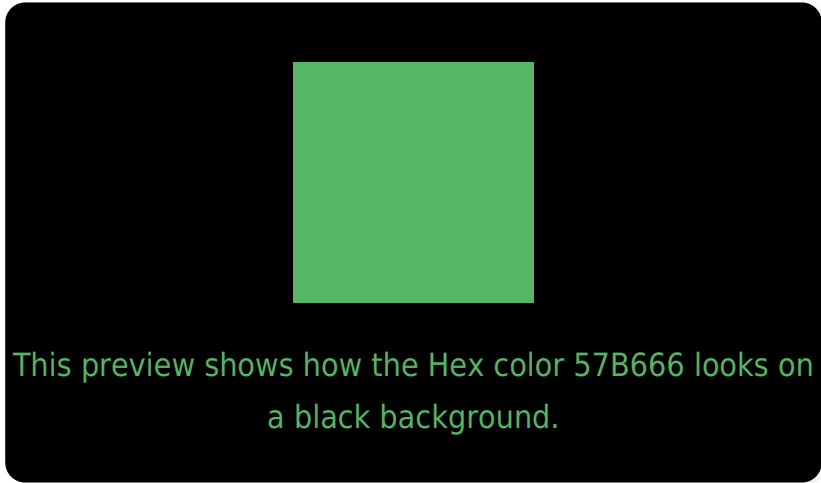
Large Text (above 18pt) WCAG AA × Fail

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

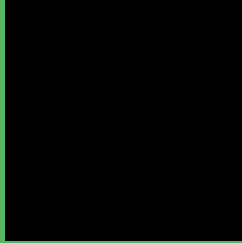
Any Text WCAG AA ✓ Pass

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 57B666 Background



This preview shows how black text looks on a background with the Hex color 57B666.

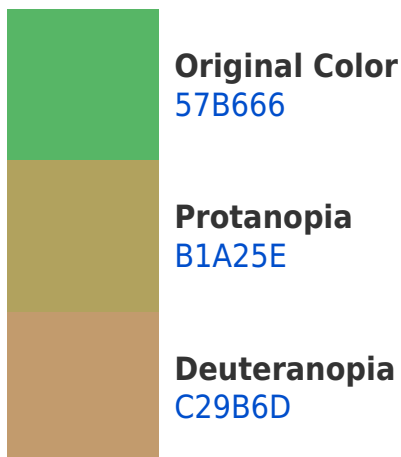


This preview shows how white text looks on a background with the Hex color 57B666.

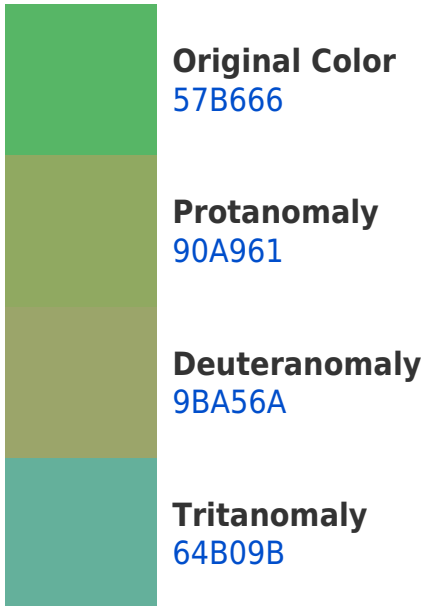
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B666 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 #57B666 looks like.

```
.text, #text, p{  
    color:#57B666  
}
```

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 #57B666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B666
}
```

Border

The CSS property to change the border of an element to Hex 57B666 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
#57B666 }
```

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

```
.border{ border-color:#57B666 }
```

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

Here you see how a box with a 4 pixel #57B666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B666; -webkit-box-shadow:4px 4px  
4px 4px #57B666; box-shadow:4px 4px 4px  
4px #57B666 }
```

Background

The CSS property to change the background color of an element to Hex 57B666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B666 }
```

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

```
.background{ background-color:#57B666 }
```

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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