

Converting Colors

Hex(57B66F)

Have a look what the booklet for
Hex(57B66F) contains.

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Color

Hex(57B66F)

Conversions

Conversions Part 1

Format	Color
Hex	57B66F
RGB	87, 182, 111
RGB Percent	34%, 71%, 44%
CMY	0.6588, 0.2863, 0.5647
CMYK	0.52, 0.00, 0.39, 0.29
HSL	135°, 39%, 53%
HSV	135°, 52%, 71%
XYZ	23.5277, 36.6298, 20.8692
YIQ	145.5010, -33.8290, -42.2210

Conversions

Conversions Part 2

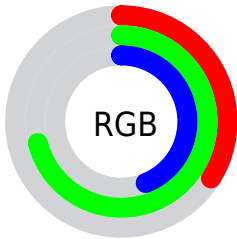
Format	Color
RYB	87, 163, 182
Decimal	5748335
CIELab	67.00, -43.81, 27.79
CIELCh	67, 51.879, 147.613
Yxy	36.6298, 0.2904, 0.4521
Android (android.graphics.Color)	4283938415 (0xFF57B66F)
YUV	145.5010, -17.0090, -51.3054
Hunter-Lab	60.5226, -36.5241, 21.9217

Details

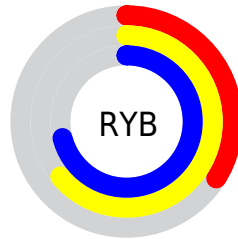
The Hex color **57B66F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B6579E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8FEFA3**, and **18803E** is the 20% darker color. If you saturate the color by 10%, you get **45B661**, and if you desaturate by 10%, it is **69B67D**.

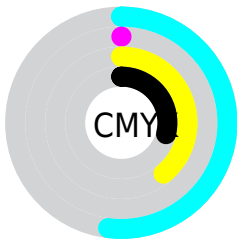
Distribution



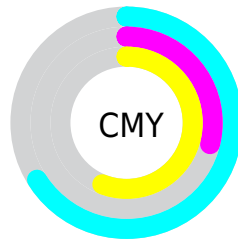
- Red (34%)
- Green (71%)
- Blue (44%)



- Red (34%)
- Yellow (64%)
- Blue (71%)



- Cyan (52%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (66%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B66F 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 57B66F by changing the saturation by 10% instead.



57B66F



57B66F

FFFFFF



3A9B56



8FEFA3



18803E



ABFFBF



006627



C8FFDB



004E10



E5FFF7



003600



002000



000000



57B66F



57B66F



45B661



69B67D

 33B654

 7BB68A

 20B646

 8EB698

 0EB639

 A0B6A5

 00B62E

 B2B6B3

 C4B6C1

 D6B6CE

 E9B6DC

 FBB6E9

Harmonies

Analogous

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



93AD4C



57B66F



00BA9E

Triad

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



57B66F



3AA9FF



F97F7A

Complementary

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



57B66F



B6579E

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.



F67BA9



57B66F



A098F6

Square

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



57B66F



00B5F1



D986D6



E58E55

Rectangle

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



57B66F



00BABE



D986D6



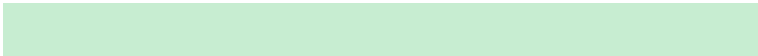
FA7C89

Sweetspot

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



57B66F



C7EDD1



9EB657



617867



F7F7F7



787878

Same Dimension

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



57B66F



58ED7D



57B69E



535C55



009C27



001C07

Inverse Universe

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



B6579E



ED58C7



B6576F



5C5359



9C0074



1C0015

Previews

White Background



This preview shows how the Hex color 57B66F looks on a white background.

Color Contrast Check

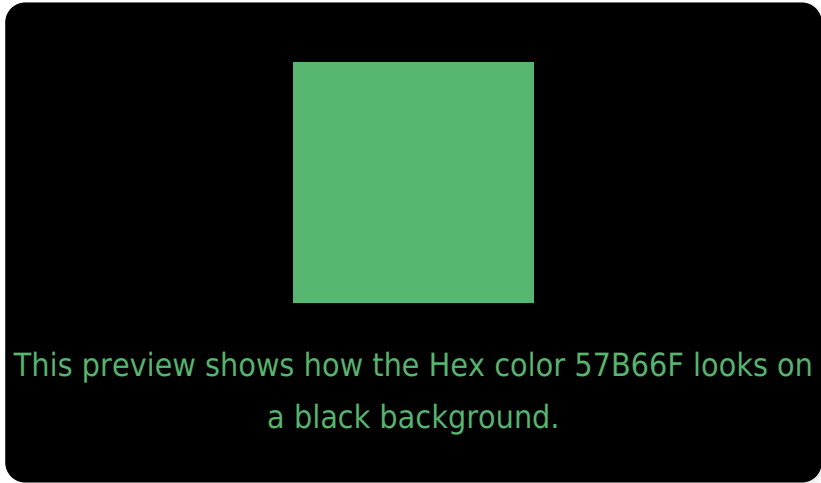
Large Text (above 18pt) WCAG AA × Fail

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

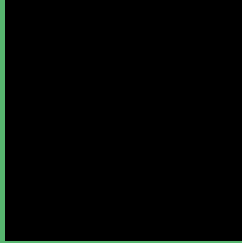
Any Text WCAG AA ✓ Pass

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 57B66F Background



This preview shows how black text looks on a background with the Hex color 57B66F.

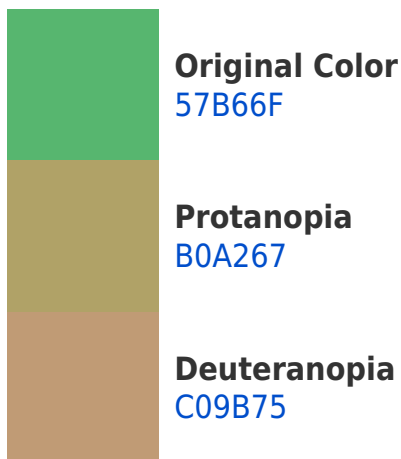


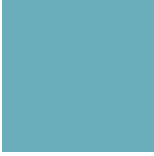
This preview shows how white text looks on a background with the Hex color 57B66F.

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](#).

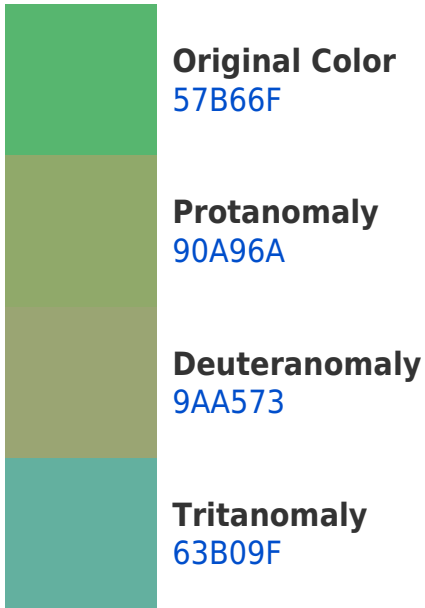
Dichromacy



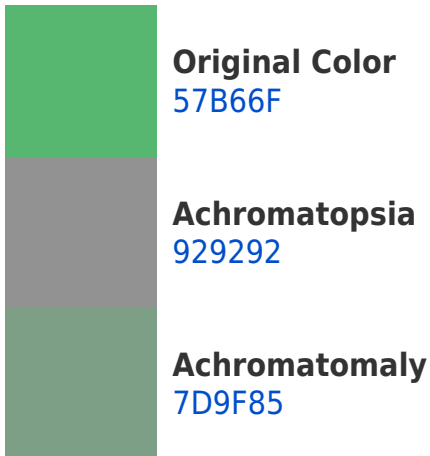


Tritanopia
6AADB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B66F 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 #57B66F looks like.

```
.text, #text, p{  
    color:#57B66F  
}
```

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 #57B66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B66F
}
```

Border

The CSS property to change the border of an element to Hex 57B66F 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
#57B66F }
```

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

```
.border{ border-color:#57B66F }
```

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

Here you see how a box with a 4 pixel #57B66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B66F; -webkit-box-shadow:4px 4px  
4px 4px #57B66F; box-shadow:4px 4px 4px  
4px #57B66F }
```

Background

The CSS property to change the background color of an element to Hex 57B66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B66F }
```

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

```
.background{ background-color:#57B66F }
```

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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