

Converting Colors

Hex(56C57F)

Have a look what the booklet for
Hex(56C57F) contains.

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Color

Hex(56C57F)

Conversions

Conversions Part 1

Format	Color
Hex	56C57F
RGB	86, 197, 127
RGB Percent	34%, 77%, 50%
CMY	0.6627, 0.2275, 0.5020
CMYK	0.56, 0.00, 0.36, 0.23
HSL	142°, 49%, 55%
HSV	142°, 56%, 77%
XYZ	27.6348, 43.4432, 27.0076
YIQ	155.8310, -43.6860, -45.3020

Conversions

Conversions Part 2

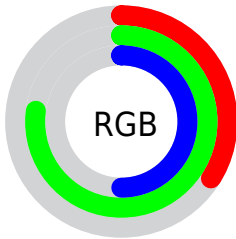
Format	Color
RYB	86, 167, 197
Decimal	5686655
CIELab	71.85, -47.44, 25.81
CIELCh	72, 54.011, 151.452
Yxy	43.4432, 0.2817, 0.4429
Android (android.graphics.Color)	4283876735 (0xFF56C57F)
YUV	155.8310, -14.2137, -61.2418
Hunter-Lab	65.9115, -40.5053, 21.8437

Details

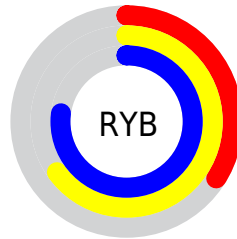
The Hex color **56C57F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C5569C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **90FEB4**, and **0B8E4D** is the 20% darker color. If you saturate the color by 10%, you get **42C573**, and if you desaturate by 10%, it is **6AC58B**.

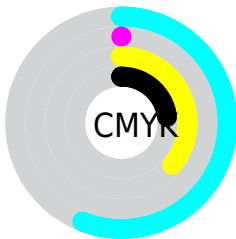
Distribution



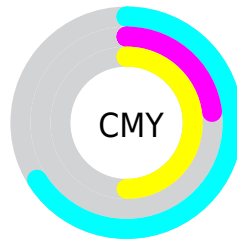
- Red (34%)
- Green (77%)
- Blue (50%)



- Red (34%)
- Yellow (65%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)



- Cyan (66%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C57F 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 56C57F by changing the saturation by 10% instead.

 56C57F

 56C57F

FFFFFF

 37A966

 90FEB4

 0B8E4D

 ADFFD0

 007436

 CAFFEC

 005A1F

 E7FFFF

 004208

 002C00

 000D00

 000000

 56C57F

 56C57F

 42C573

 6AC58B

 2FC566

 7DC598

 1BC55A

 91C5A4

 07C54D

 A5C5B1

 00C549

 B9C5BD

 CCC5CA

 E0C5D6

 F4C5E2

 FFC5EF

Harmonies

Analogous

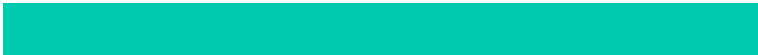
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98BC58



56C57F



00C9B1

Triad

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



56C57F



57B5FF



FF8C7F

Complementary

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



56C57F



C5569C

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.



FF86B0



56C57F



B6A2FF

Square

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



56C57F



00C1FF



EF8FE0



F29C5A

Rectangle

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



56C57F



00C9D3



EF8FE0



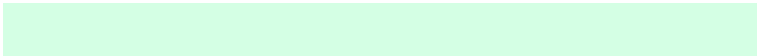
FF888F

Sweetspot

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



56C57F



D4FFE4



9CC556



66806F



000000



808080

Same Dimension

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



56C57F



52FF92



56C5B6



5A635D



00A33C



00240D

Inverse Universe

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



C5569C



FF52BF



C55665



635A60



A30067



240017

Previews

White Background



This preview shows how the Hex color 56C57F looks on a white background.

Color Contrast Check

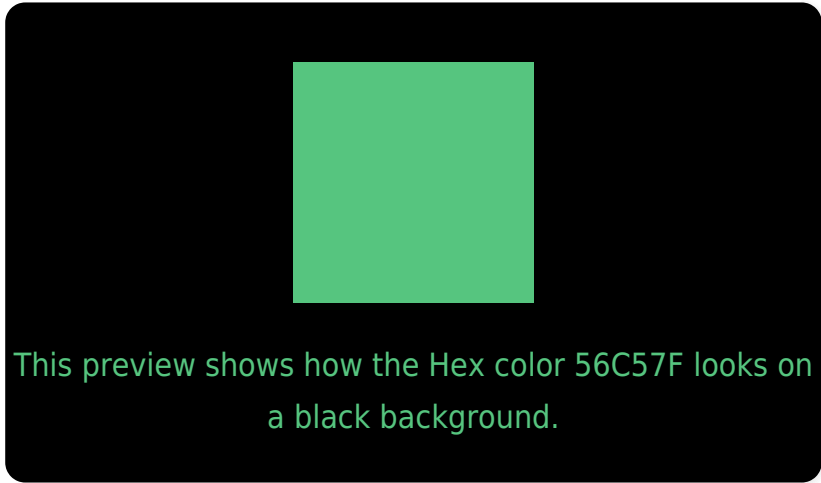
Large Text (above 18pt) WCAG AA × Fail

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

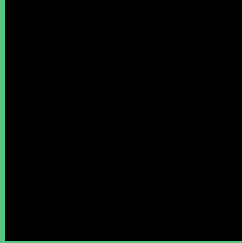
Any Text WCAG AA ✓ Pass

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 56C57F Background



This preview shows how black text looks on a background with the Hex color 56C57F.

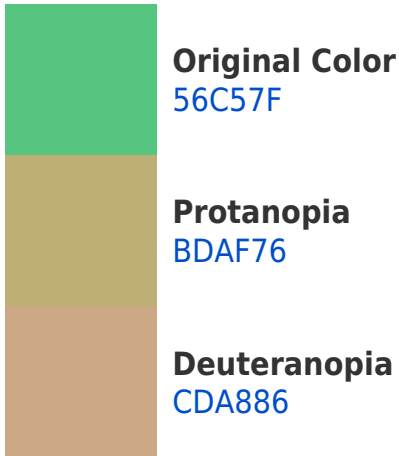


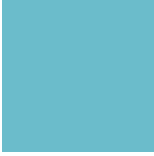
This preview shows how white text looks on a background with the Hex color 56C57F.

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
6BBCCB

Trichromacy



Original Color
56C57F



Protanomaly
98B779



Deuteranomaly
A2B383



Tritanomaly
63BFAF

Monochromacy



Original Color
56C57F



Achromatopsia
9C9C9C



Achromatomaly
83AB91

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C57F 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 #56C57F looks like.

```
.text, #text, p{  
    color:#56C57F  
}
```

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 #56C57F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C57F
}
```

Border

The CSS property to change the border of an element to Hex 56C57F 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
#56C57F }
```

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

```
.border{ border-color:#56C57F }
```

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

Here you see how a box with a 4 pixel #56C57F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C57F; -webkit-box-shadow:4px 4px  
4px 4px #56C57F; box-shadow:4px 4px 4px  
4px #56C57F }
```

Background

The CSS property to change the background color of an element to Hex 56C57F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C57F }
```

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

```
.background{ background-color:#56C57F }
```

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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