

Converting Colors

Hex(57C660)

Have a look what the booklet for
Hex(57C660) contains.

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Color

Hex(57C660)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57C660 |
| RGB | 87, 198, 96 |
| RGB Percent | 34%, 78%, 38% |
| CMY | 0.6588, 0.2235, 0.6235 |
| CMYK | 0.56, 0.00, 0.52, 0.22 |
| HSL | 125°, 49%, 56% |
| HSV | 125°, 56%, 78% |
| XYZ | 26.2359, 43.2589, 18.0334 |
| YIQ | 153.1830, -33.4140, -55.2540 |

Conversions

Conversions Part 2

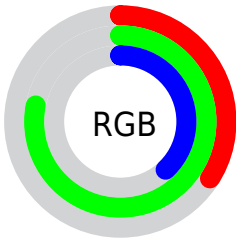
| Format | Color |
|-------------------------------------|--|
| RYB | 87, 190, 198 |
| Decimal | 5752416 |
| CIELab | 71.73, -52.59, 41.43 |
| CIELCh | 72, 66.950, 141.775 |
| Yxy | 43.2589, 0.2997, 0.4942 |
| Android (android.graphics.Color) | 4283942496 (0xFF57C660) |
| YUV | 153.1830, -28.1912, -58.0425 |
| Hunter-Lab | 65.7715, -43.8975, 29.7838 |

Details

The Hex color **57C660** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C657BD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91FF95**, and **098F2D** is the 20% darker color. If you saturate the color by 10%, you get **43C64E**, and if you desaturate by 10%, it is **6BC672**.

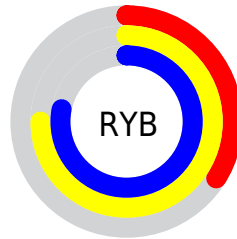
Distribution



Red (34%)

Green (78%)

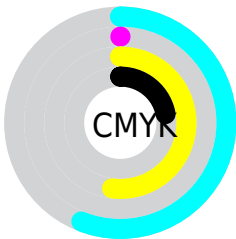
Blue (38%)



Red (34%)

Yellow (75%)

Blue (78%)

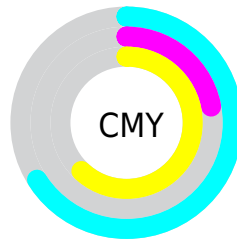


Cyan (56%)

Magenta (0%)

Yellow (52%)

Black (22%)



Cyan (66%)

Magenta (22%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C660 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 57C660 by changing the saturation by 10% instead.

 57C660

 57C660

FFFFFF

 37AA47

 91FF95

 098F2D

 AEFFB0

 007513

 CCFFCC

 005B00

 EAFFE8

 004200

 002C00

 000C00

 000000

 57C660

 57C660

 43C64E

 6BC672

 2FC63C

 7FC684

 1CC629

 92C697

 08C617

 A6C6A9

 00C610

 BAC6BB

 CEC6CD

 E2C6DF

 F5C6F2

 FFC6FF

Harmonies

Analogous

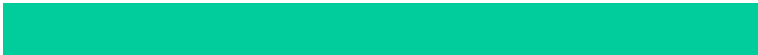
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5BA32



57C660



00CC9C

Triad

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



57C660



00BCFF



FF7A86

Complementary

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



57C660



C657BD

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.



FF78C3



57C660



92A7FF

Square

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



57C660



00C8FF



EA8CFC



FF8F50

Rectangle

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



57C660



00CDC7



EA8CFC



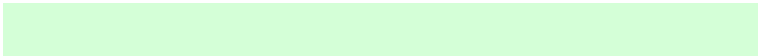
FF769A

Sweetspot

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



57C660



D4FFD7



BFC657



668068



000000



808080

Same Dimension

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



57C660



54FF62



57C696



5A635A



00A30D



002403

Inverse Universe

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



C657BD



FF54F1



C65787



635A63



A30096



240021

Previews

White Background



This preview shows how the Hex color 57C660 looks on a white background.

Color Contrast Check

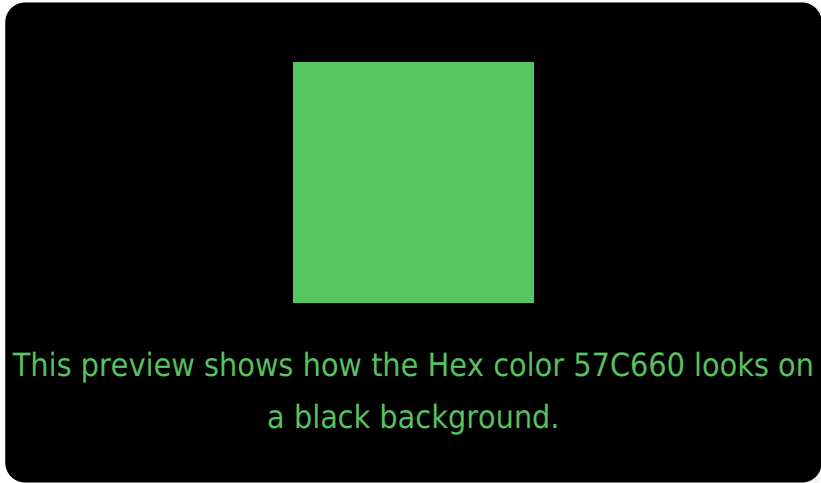
Large Text (above 18pt) WCAG AA × Fail

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

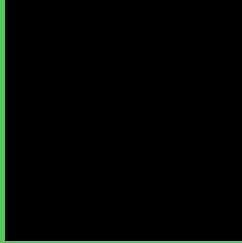
Any Text WCAG AA ✓ Pass

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 57C660 Background



This preview shows how black text looks on a background with the Hex color 57C660.

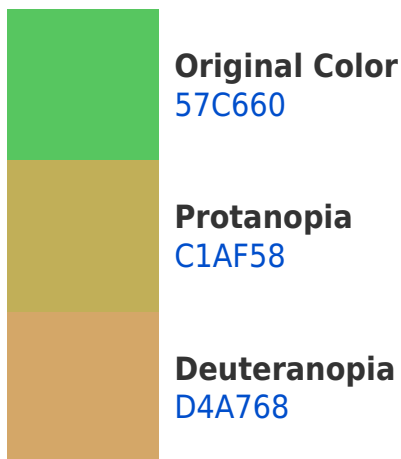


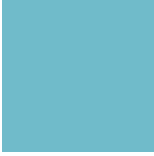
This preview shows how white text looks on a background with the Hex color 57C660.

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
70BBCA

Trichromacy



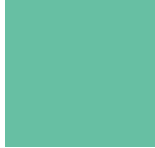
Original Color
57C660



Protanomaly
9AB75B



Deuteranomaly
A7B265



Tritanomaly
67BFA3

Monochromacy



Original Color
57C660



Achromatopsia
999999



Achromatomaly
81A984

CSS Examples

Text

The CSS property to change the color of the text to Hex 57C660 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 #57C660 looks like.

```
.text, #text, p{  
    color:#57C660  
}
```

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 #57C660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C660
}
```

Border

The CSS property to change the border of an element to Hex 57C660 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
#57C660 }
```

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

```
.border{ border-color:#57C660 }
```

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

Here you see how a box with a 4 pixel #57C660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C660; -webkit-box-shadow:4px 4px  
4px 4px #57C660; box-shadow:4px 4px 4px  
4px #57C660 }
```

Background

The CSS property to change the background color of an element to Hex 57C660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C660 }
```

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

```
.background{ background-color:#57C660 }
```

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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