

Converting Colors

Hex(57C157)

Have a look what the booklet for
Hex(57C157) contains.

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Color

Hex(57C157)

Conversions

Conversions Part 1

Format	Color
Hex	57C157
RGB	87, 193, 87
RGB Percent	34%, 76%, 34%
CMY	0.6588, 0.2431, 0.6588
CMYK	0.55, 0.00, 0.55, 0.24
HSL	120°, 46%, 55%
HSV	120°, 55%, 76%
XYZ	24.7207, 40.8543, 15.5996
YIQ	149.2220, -29.1500, -55.4380

Conversions

Conversions Part 2

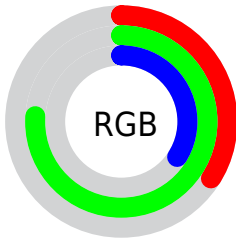
Format	Color
RYB	87, 193, 193
Decimal	5751127
CIELab	70.07, -51.85, 43.75
CIELCh	70, 67.839, 139.840
Yxy	40.8543, 0.3045, 0.5033
Android (android.graphics.Color)	4283941207 (0xFF57C157)
YUV	149.2220, -30.6754, -54.5687
Hunter-Lab	63.9174, -42.8185, 30.2719

Details

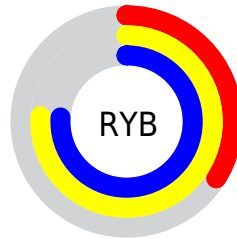
The Hex color **57C157** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C157C1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **91FA8B**, and **0D8A24** is the 20% darker color. If you saturate the color by 10%, you get **44C144**, and if you desaturate by 10%, it is **6AC16A**.

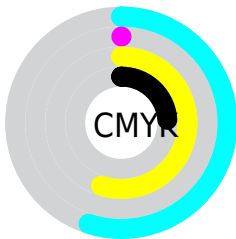
Distribution



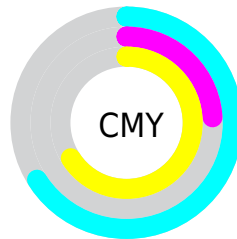
- Red (34%)
- Green (76%)
- Blue (34%)



- Red (34%)
- Yellow (76%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C157 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 57C157 by changing the saturation by 10% instead.

 57C157

 57C157

FFFFFF

 38A53E

 91FA8B

 0D8A24

 AEFFA7

 007004

 CBFFC2

 005700

 E9FFDF

 003E00

 FFFFFC

 002800

 000100

 000000

 57C157

 57C157

■ 44C144

■ 6AC16A

■ 30C130

■ 7EC17E

■ 1DC11D

■ 91C191

■ 0AC10A

■ A4C1A4

■ 00C100

■ B8C1B8

■ CBC1CB

■ DEC1DE

■ F1C1F1

■ FFC1FF

Harmonies

Analogous

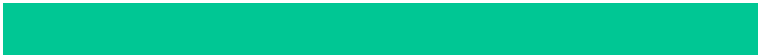
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B528



57C157



00C794

Triad

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



57C157



00B8FF



FF7385

Complementary

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



57C157



C157C1

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.



FF73C3



57C157



84A4FF

Square

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



57C157



00C4FF



E189FC



FF884E

Rectangle

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



57C157



00C9BE



E189FC



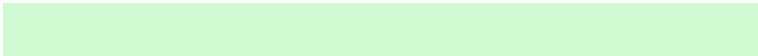
FF7099

Sweetspot

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



57C157



D2FAD2



C1C157



657D65



FCFCFC



7D7D7D

Same Dimension

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



57C157



55FA55



57C18C



576157



00A100



002100

Inverse Universe

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



C157C1



FA55FA



C1578C



615761



A100A1



210021

Previews

White Background



This preview shows how the Hex color 57C157 looks on a white background.

Color Contrast Check

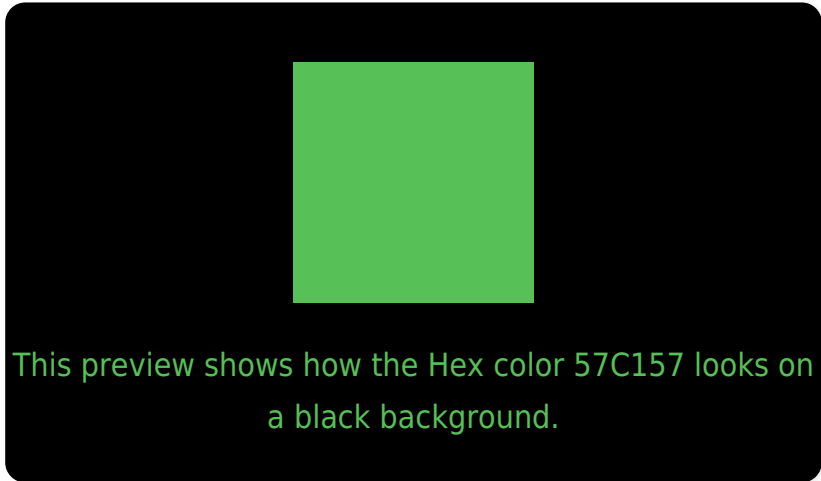
Large Text (above 18pt) WCAG AA × Fail

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 57C157 Background



This preview shows how black text looks on a background with the Hex color 57C157.

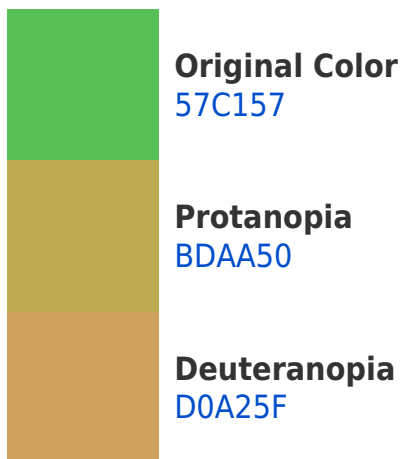


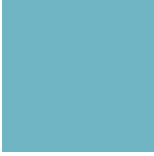
This preview shows how white text looks on a background with the Hex color 57C157.

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](#).

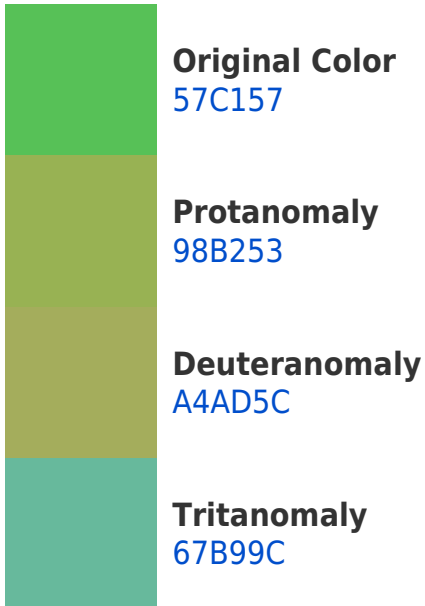
Dichromacy



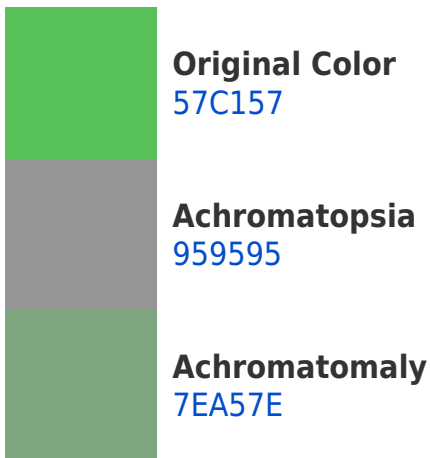


Tritanopia
70B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57C157 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 #57C157 looks like.

```
.text, #text, p{  
    color:#57C157  
}
```

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 #57C157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C157
}
```

Border

The CSS property to change the border of an element to Hex 57C157 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
#57C157 }
```

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

```
.border{ border-color:#57C157 }
```

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

Here you see how a box with a 4 pixel #57C157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C157; -webkit-box-shadow:4px 4px  
4px 4px #57C157; box-shadow:4px 4px 4px  
4px #57C157 }
```

Background

The CSS property to change the background color of an element to Hex 57C157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C157 }
```

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

```
.background{ background-color:#57C157 }
```

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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