

# Converting Colors

Hex(57C35D)

Have a look what the booklet for  
Hex(57C35D) contains.

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**Color**

**Hex(57C35D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C35D
RGB	87, 195, 93
RGB Percent	34%, 76%, 36%
CMY	0.6588, 0.2353, 0.6353
CMYK	0.55, 0.00, 0.52, 0.24
HSL	123°, 47%, 55%
HSV	123°, 55%, 76%
XYZ	25.4214, 41.8468, 17.0933
YIQ	151.0800, -31.6260, -54.6180

# Conversions

## Conversions Part 2

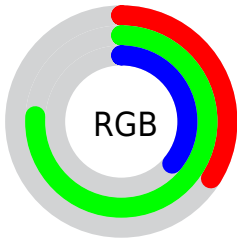
Format	Color
<b>RYB</b>	87, 189, 195
Decimal	5751645
CIELab	70.77, -51.84, 41.70
CIELCh	71, 66.532, 141.183
Yxy	41.8468, 0.3013, 0.4960
Android (android.graphics.Color)	4283941725 (0xFF57C35D)
YUV	151.0800, -28.6334, -56.1982
Hunter-Lab	64.6891, -43.0593, 29.6157

# Details

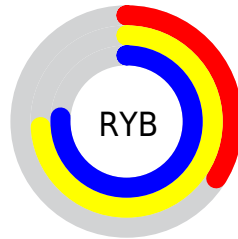
The Hex color **57C35D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C357BD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **91FC91**, and **0C8C2A** is the 20% darker color. If you saturate the color by 10%, you get **43C34B**, and if you desaturate by 10%, it is **6BC36F**.

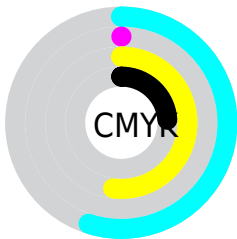
# Distribution



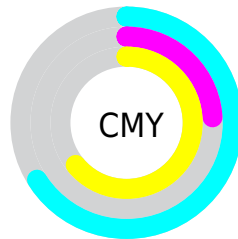
- Red (34%)
- Green (76%)
- Blue (36%)



- Red (34%)
- Yellow (74%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (52%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C35D 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 57C35D by changing the saturation by 10% instead.



 57C35D

 57C35D

FFFFFF

 38A744

 91FC91

 0C8C2A

 AEFAD

 00720F

 CBFFC8

 005800

 E9FFE5

 004000

 002A00

 000500

 000000

 57C35D

 57C35D

 43C34B

 6BC36F

 30C338

 7EC382

 1CC326

 92C394

 09C313

 A5C3A7

 00C30B

 B9C3B9

 CCC3CC

 DFC3DE

 F3C3F0

 FFC3FF

# Harmonies

## Analogous

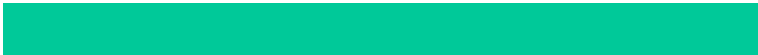
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3B730



57C35D



00C999

# Triad

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



57C35D



00B9FF



FF7785

# Complementary

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



57C35D



C357BD

# 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.



FF76C2



57C35D



8DA5FF

# Square

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



57C35D



00C5FF



E58AFA



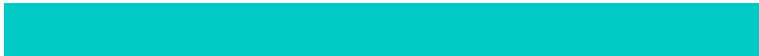
FF8C50

# Rectangle

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



57C35D



00CAC3



E58AFA



FF7499

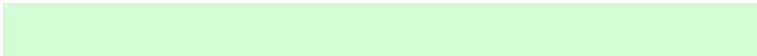


# Sweetspot

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



57C35D



D2FCD4



BEC357



668067



000000



808080



# Same Dimension

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



57C35D



56FC5F



57C392



576158



00A109



002102



# Inverse Universe

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



C357BD



FC56F3



C35788



615760



A10098



21001F



# Previews

## White Background



This preview shows how the Hex color 57C35D looks on a white background.

## Color Contrast Check

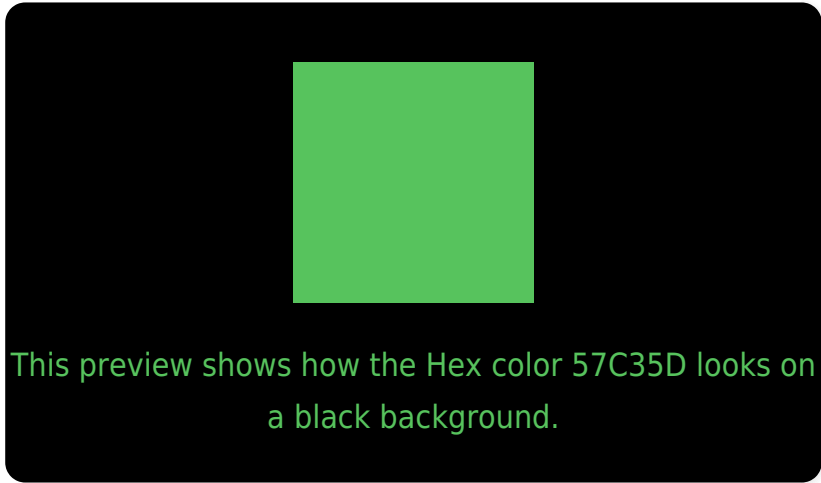
Large Text (above 18pt) WCAG AA × Fail

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 57C35D Background



This preview shows how black text looks on a background with the Hex color 57C35D.

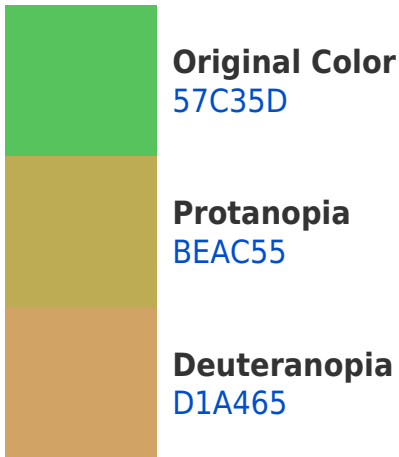


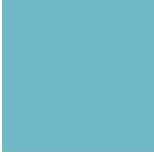
This preview shows how white text looks on a background with the Hex color 57C35D.

# 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](#).

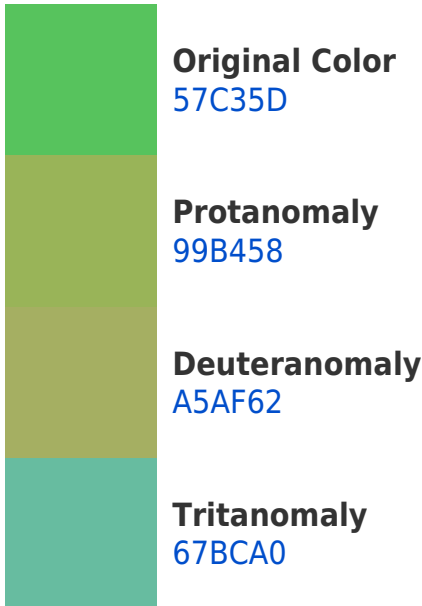
## Dichromacy



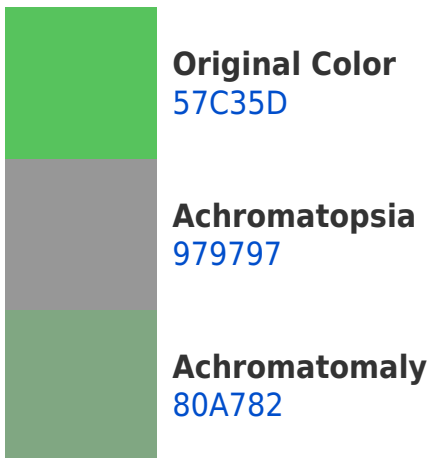


**Tritanopia**  
70B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C35D 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 #57C35D looks like.

```
.text, #text, p{  
    color:#57C35D  
}
```

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 #57C35D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C35D
}
```

## Border

The CSS property to change the border of an element to Hex 57C35D 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
#57C35D }
```

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

```
.border{ border-color:#57C35D }
```

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

Here you see how a box with a 4 pixel #57C35D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C35D; -webkit-box-shadow:4px 4px  
4px 4px #57C35D; box-shadow:4px 4px 4px  
4px #57C35D }
```

# Background

The CSS property to change the background color of an element to Hex 57C35D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C35D }
```

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

```
.background{ background-color:#57C35D }
```

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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