

# Converting Colors

Hex(57D37B)

Have a look what the booklet for  
Hex(57D37B) contains.

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**Color**

**Hex(57D37B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D37B
RGB	87, 211, 123
RGB Percent	34%, 83%, 48%
CMY	0.6588, 0.1725, 0.5176
CMYK	0.59, 0.00, 0.42, 0.17
HSL	137°, 58%, 58%
HSV	137°, 59%, 83%
XYZ	30.7999, 50.0448, 26.7752
YIQ	163.8920, -45.6560, -53.6560

# Conversions

## Conversions Part 2

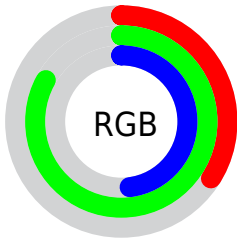
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 183, 211
Decimal	5755771
CIELab	76.10, -53.54, 33.49
CIELCh	76, 63.147, 147.975
Yxy	50.0448, 0.2862, 0.4650
Android (android.graphics.Color)	4283945851 (0xFF57D37B)
YUV	163.8920, -20.1598, -67.4343
Hunter-Lab	70.7424, -46.0836, 27.0791

# Details

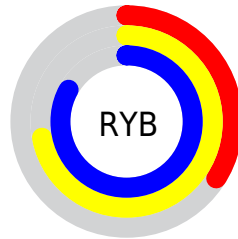
The Hex color **57D37B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D357AF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **93FFB0**, and **009B49** is the 20% darker color. If you saturate the color by 10%, you get **42D36C**, and if you desaturate by 10%, it is **6CD38A**.

# Distribution



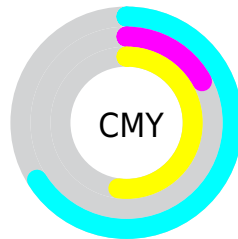
- Red (34%)
- Green (83%)
- Blue (48%)



- Red (34%)
- Yellow (72%)
- Blue (83%)



- Cyan (59%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)



- Cyan (66%)
- Magenta (17%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57D37B 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 57D37B by changing the saturation by 10% instead.



 57D37B

 57D37B

FFFFFF

 36B761

 93FFB0

 009B49

 B0FFCC

 008031

 CEFFE9

 006618

 ECFFFF

 004D00

 003500

 001E00

 000000

 57D37B

 57D37B

 42D36C

 6CD38A

 2DD35D

 81D399

 18D34E

 96D3A8

 03D33F

 ABD3B7

 00D33D

 C1D3C6

 D6D3D5

 EBD3E4

 FFD3F3

 FFD3FF

# Harmonies

## Analogous

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



A5C84E



57D37B



00D8B6

# Triad

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



57D37B



0FC3FF



FF8D88

# Complementary

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



57D37B



D357AF

# 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.



FF88C2



57D37B



B7AEFF

# Square

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



57D37B



00D1FF



FF96FA



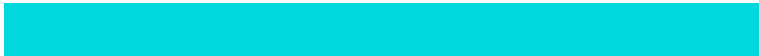
FFA159

# Rectangle

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



57D37B



00D8DE



FF96FA



FF899B

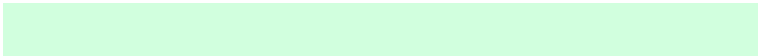


# Sweetspot

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



57D37B



D1FFDE



B0D357



63806C



000000



808080



# Same Dimension

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



57D37B



4AFF7F



57D3B8



5E6961



00A831



00290C



# Inverse Universe

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



D357AF



FF4ACA



D35772



695E66



A80077

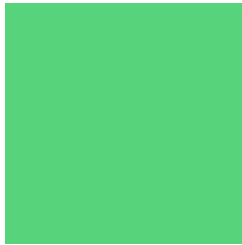


29001D



# Previews

## White Background



This preview shows how the Hex color 57D37B 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



This preview shows how the Hex color 57D37B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

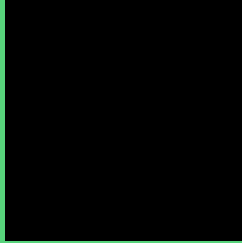
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57D37B Background



This preview shows how black text looks on a background with the Hex color 57D37B.

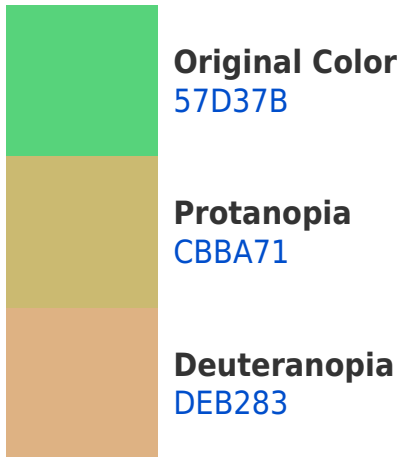


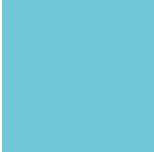
This preview shows how white text looks on a background with the Hex color 57D37B.

# 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](#).

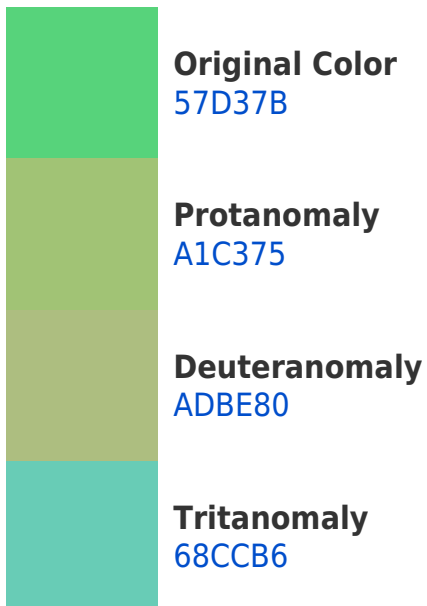
## Dichromacy



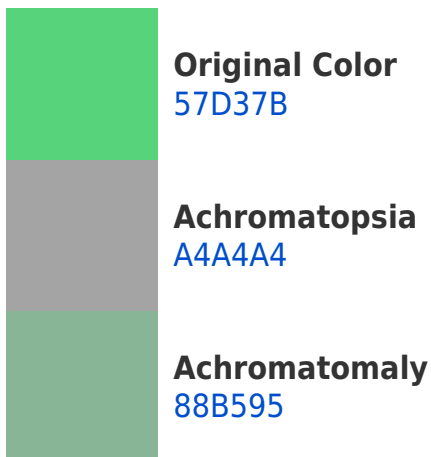


**Tritanopia**  
71C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57D37B 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 #57D37B looks like.

```
.text, #text, p{  
    color:#57D37B  
}
```

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 #57D37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D37B  
}
```

## Border

The CSS property to change the border of an element to Hex 57D37B 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  
#57D37B }
```

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

```
.border{ border-color:#57D37B }
```

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

Here you see how a box with a 4 pixel #57D37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D37B; -webkit-box-shadow:4px 4px  
4px 4px #57D37B; box-shadow:4px 4px 4px  
4px #57D37B }
```

# Background

The CSS property to change the background color of an element to Hex 57D37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D37B }
```

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

```
.background{ background-color:#57D37B }
```

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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