

Converting Colors

Hex(57D16D)

Have a look what the booklet for
Hex(57D16D) contains.

| | |
|--|----|
| Hex(57D16D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(57D16D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57D16D |
| RGB | 87, 209, 109 |
| RGB Percent | 34%, 82%, 43% |
| CMY | 0.6588, 0.1804, 0.5725 |
| CMYK | 0.58, 0.00, 0.48, 0.18 |
| HSL | 131°, 57%, 58% |
| HSV | 131°, 58%, 82% |
| XYZ | 29.4913, 48.7313, 22.3197 |
| YIQ | 161.1220, -40.6120, -56.9640 |

Conversions

Conversions Part 2

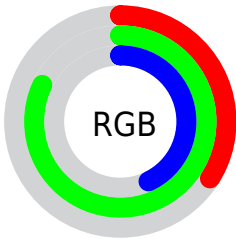
| Format | Color |
|-------------------------------------|--|
| RYB | 87, 190, 209 |
| Decimal | 5755245 |
| CIELab | 75.28, -54.97, 39.46 |
| CIELCh | 75, 67.665, 144.326 |
| Yxy | 48.7313, 0.2933, 0.4847 |
| Android (android.graphics.Color) | 4283945325 (0xFF57D16D) |
| YUV | 161.1220, -25.6961, -65.0050 |
| Hunter-Lab | 69.8078, -46.7539, 29.9086 |

Details

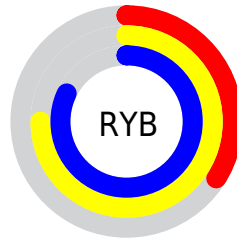
The Hex color **57D16D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D157BB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **93FFA2**, and **00993B** is the 20% darker color. If you saturate the color by 10%, you get **42D15C**, and if you desaturate by 10%, it is **6CD17E**.

Distribution



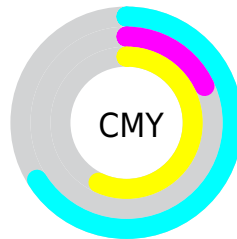
- Red (34%)
- Green (82%)
- Blue (43%)



- Red (34%)
- Yellow (75%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (48%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D16D 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 57D16D by changing the saturation by 10% instead.

 57D16D

 57D16D

FFFFFF

 36B553

 93FFA2

 00993B

 B0FFBE

 007F21

 CEFFDA

 006504

 ECFFF7

 004B00

 003400

 001B00

 000000

 57D16D

 57D16D

 42D15C

 6CD17E

 2DD14B

 81D18F

 18D13A

 96D1A0

 03D128

 ABD1B2

 00D126

 C0D1C3

 D4D1D4

 E9D1E5

 FED1F6

 FFD1FF

Harmonies

Analogous

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



A9C53E



57D16D



00D7AB

Triad

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



57D16D



00C4FF



FF848A

Complementary

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



57D16D



D157BB

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.



FF81C8



57D16D



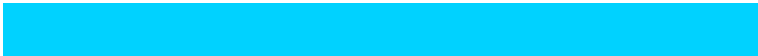
A6AEFF

Square

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



57D16D



00D2FF



FA93FF



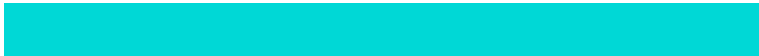
FF9A54

Rectangle

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



57D16D



00D8D6



FA93FF



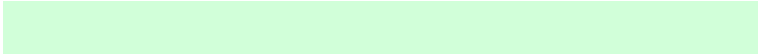
FF809E

Sweetspot

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



57D16D



D1FFD9



BDD157



638069



000000



808080

Same Dimension

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



57D16D



4DFF6D



57D1A8



5E6960



00A81E



002907

Inverse Universe

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



D157BB



FF4DDF



D15780



695E67



A8008A



290021

Previews

White Background



This preview shows how the Hex color 57D16D 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 57D16D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

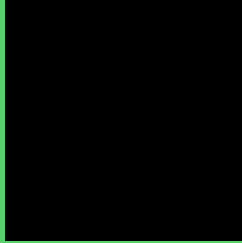
Any Text WCAG AA ✓ Pass

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 57D16D Background



This preview shows how black text looks on a background with the Hex color 57D16D.

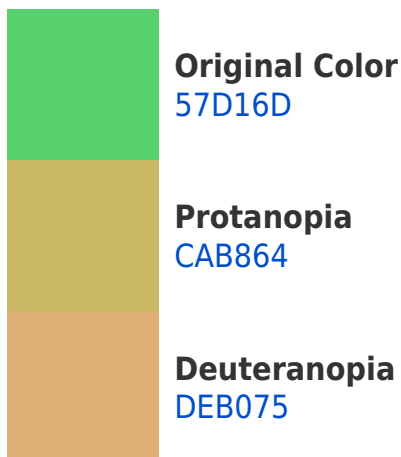


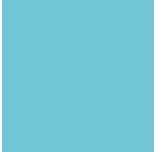
This preview shows how white text looks on a background with the Hex color 57D16D.

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
72C5D5

Trichromacy



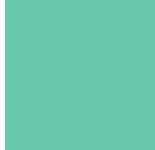
Original Color
57D16D



Protanomaly
A0C167



Deuteranomaly
ADBC72



Tritanomaly
68C9AF

Monochromacy



Original Color
57D16D



Achromatopsia
A1A1A1



Achromatomaly
86B28E

CSS Examples

Text

The CSS property to change the color of the text to Hex 57D16D 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 #57D16D looks like.

```
.text, #text, p{  
    color:#57D16D  
}
```

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 #57D16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D16D
}
```

Border

The CSS property to change the border of an element to Hex 57D16D 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
#57D16D }
```

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

```
.border{ border-color:#57D16D }
```

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

Here you see how a box with a 4 pixel #57D16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D16D; -webkit-box-shadow:4px 4px  
4px 4px #57D16D; box-shadow:4px 4px 4px  
4px #57D16D }
```

Background

The CSS property to change the background color of an element to Hex 57D16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D16D }
```

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

```
.background{ background-color:#57D16D }
```

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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