

Converting Colors

Hex(57D070)

Have a look what the booklet for
Hex(57D070) contains.

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Color

Hex(57D070)

Conversions

Conversions Part 1

Format	Color
Hex	57D070
RGB	87, 208, 112
RGB Percent	34%, 82%, 44%
CMY	0.6588, 0.1843, 0.5608
CMYK	0.58, 0.00, 0.46, 0.18
HSL	132°, 56%, 58%
HSV	132°, 58%, 82%
XYZ	29.4110, 48.3078, 23.1035
YIQ	160.8770, -41.3000, -55.5080

Conversions

Conversions Part 2

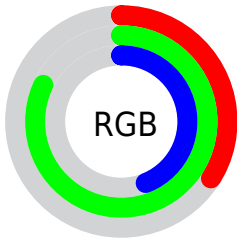
Format	Color
RYB	87, 187, 208
Decimal	5754992
CIELab	75.02, -54.13, 37.64
CIELCh	75, 65.932, 145.188
Yxy	48.3078, 0.2917, 0.4791
Android (android.graphics.Color)	4283945072 (0xFF57D070)
YUV	160.8770, -24.0964, -64.7901
Hunter-Lab	69.5038, -46.0983, 28.9444

Details

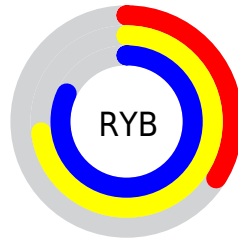
The Hex color **57D070** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D057B7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **92FFA5**, and **00983E** is the 20% darker color. If you saturate the color by 10%, you get **42D05F**, and if you desaturate by 10%, it is **6CD081**.

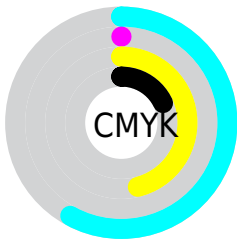
Distribution



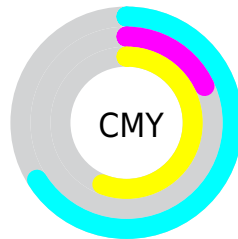
- Red (34%)
- Green (82%)
- Blue (44%)



- Red (34%)
- Yellow (73%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D070 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 57D070 by changing the saturation by 10% instead.

 57D070

 57D070

FFFFFF

 36B457

 92FFA5

 00983E

 B0FFC1

 007E25

 CDFFD0

 00640A

 EBFFFA

 004B00

 003300

 001A00

 000000

 57D070

 57D070

 42D05F

 6CD081

 2DD04F

 81D091

 19D03E

 95D0A2

 04D02E

 AAD0B2

 00D02B

 BFD0C3

 D4D0D3

 E9D0E4

 FDD0F4

 FFD0FF

Harmonies

Analogous

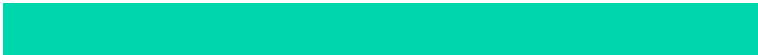
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7C542



57D070



00D6AD

Triad

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



57D070



00C2FF



FF8689

Complementary

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



57D070



D057B7

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.



FF82C5



57D070



A9ADFF

Square

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



57D070



00D0FF



F993FF



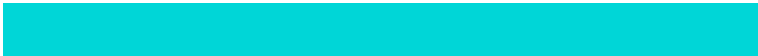
FF9B55

Rectangle

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



57D070



00D6D7



F993FF



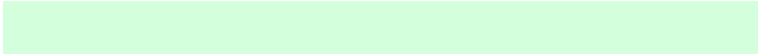
FF829C

Sweetspot

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



57D070



D4FFDD



B8D057



66806B



000000



808080

Same Dimension

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



57D070



4DFF71



57D0AC



5E6960



00A823



002908

Inverse Universe

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



D057B7



FF4DDA



D0577B



695E66



A80086



290020

Previews

White Background



This preview shows how the Hex color 57D070 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 57D070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

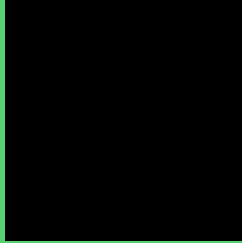
Any Text WCAG AA ✓ Pass

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 57D070 Background



This preview shows how black text looks on a background with the Hex color 57D070.

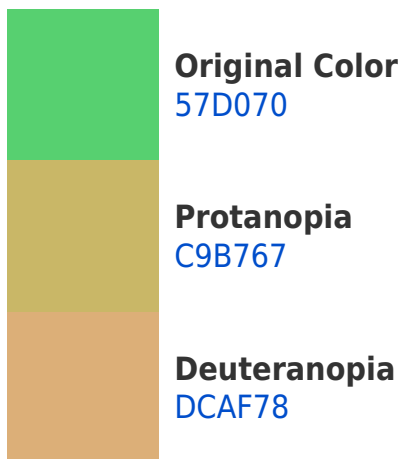


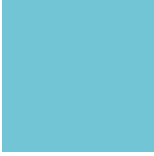
This preview shows how white text looks on a background with the Hex color 57D070.

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](#).

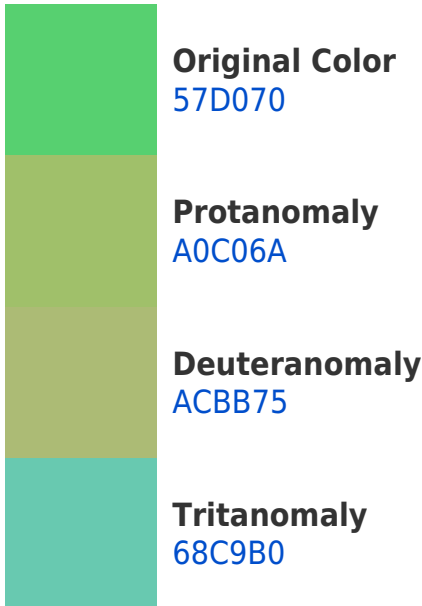
Dichromacy



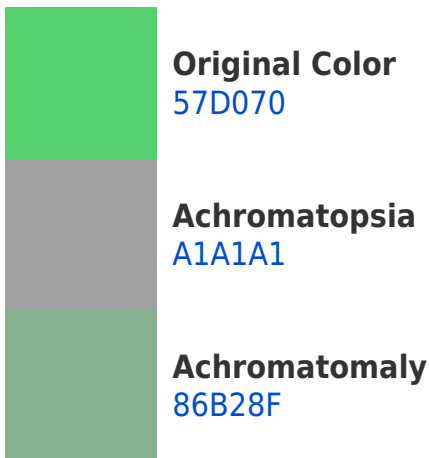


Tritanopia
71C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57D070 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 #57D070 looks like.

```
.text, #text, p{  
    color:#57D070  
}
```

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 #57D070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D070
}
```

Border

The CSS property to change the border of an element to Hex 57D070 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
#57D070 }
```

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

```
.border{ border-color:#57D070 }
```

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

Here you see how a box with a 4 pixel #57D070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D070; -webkit-box-shadow:4px 4px  
4px 4px #57D070; box-shadow:4px 4px 4px  
4px #57D070 }
```

Background

The CSS property to change the background color of an element to Hex 57D070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D070 }
```

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

```
.background{ background-color:#57D070 }
```

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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