

Converting Colors

Hex(57DC7F)

Have a look what the booklet for
Hex(57DC7F) contains.

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Color

Hex(57DC7F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57DC7F |
| RGB | 87, 220, 127 |
| RGB Percent | 34%, 86%, 50% |
| CMY | 0.6588, 0.1373, 0.5020 |
| CMYK | 0.60, 0.00, 0.42, 0.14 |
| HSL | 138°, 66%, 60% |
| HSV | 138°, 60%, 86% |
| XYZ | 33.3544, 54.7449, 28.8875 |
| YIQ | 169.6310, -49.4150, -57.1190 |

Conversions

Conversions Part 2

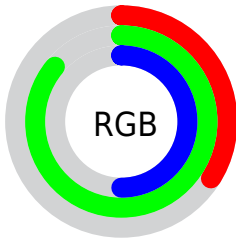
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 87, 189, 220 |
| Decimal | 5758079 |
| CIELab | 78.89, -56.35, 35.10 |
| CIElCh | 79, 66.387, 148.084 |
| Yxy | 54.7449, 0.2851, 0.4680 |
| Android (android.graphics.Color) | 4283948159 (0xFF57DC7F) |
| YUV | 169.6310, -21.0171, -72.4674 |
| Hunter-Lab | 73.9898, -49.0148, 28.6445 |

Details

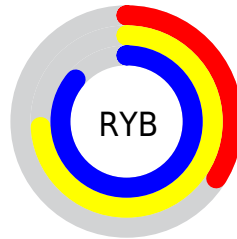
The Hex color **57DC7F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DC57B4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **94FFB5**, and **00A44C** is the 20% darker color. If you saturate the color by 10%, you get **41DC70**, and if you desaturate by 10%, it is **6DDC8E**.

Distribution



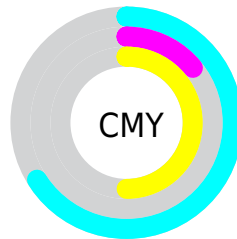
- Red (34%)
- Green (86%)
- Blue (50%)



- Red (34%)
- Yellow (74%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (66%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57DC7F 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 57DC7F by changing the saturation by 10% instead.

 57DC7F

 57DC7F

FFFFFF

 35C065

 94FFB5

 00A44C

 B2FFD1

 008934

 D0FFED

 006E1B

 EEEFFF

 005501

 003C00

 002500

 000000

 57DC7F

 57DC7F

 41DC70

 6DDC8E

 2BDC60

 83DC9E

 15DC51

 99DCAD

 00DC42

 AFDCBD

 C5DCCC

 DBDCDB

 F1DCEB

 FFDCFA

 FFDCFF

Harmonies

Analogous

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



ABD14F



57DC7F



00E1BD

Triad

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



57DC7F



00CBFF



FF928D

Complementary

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



57DC7F



DC57B4

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.



FF8CCA



57DC7F



BEB5FF

Square

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



57DC7F



00DAFF



FF9BFF



FFA75A

Rectangle

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



57DC7F



00E2E8



FF9BFF



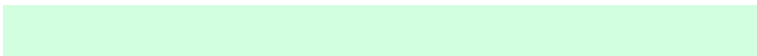
FF8DA0

Sweetspot

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



57DC7F



D1FFDF



B4DC57



63806C



000000



808080

Same Dimension

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



57DC7F



45FF7D



57DCC1



636E66



00AD34



002E0E

Inverse Universe

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



DC57B4



FF45C7



DC5772



6E636A



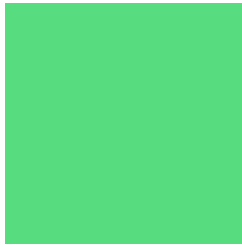
AD0079



2E0020

Previews

White Background



This preview shows how the Hex color 57DC7F looks on a white background.

Color Contrast Check

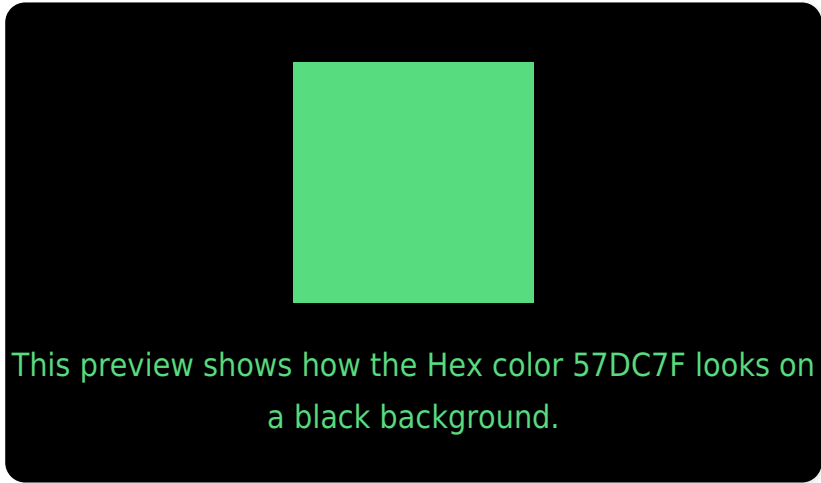
Large Text (above 18pt) WCAG AA × Fail

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 57DC7F Background



This preview shows how black text looks on a background with the Hex color 57DC7F.

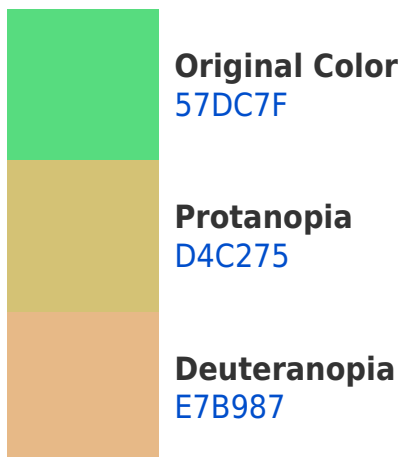


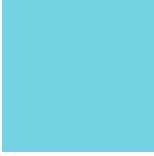
This preview shows how white text looks on a background with the Hex color 57DC7F.

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
73D1E1

Trichromacy



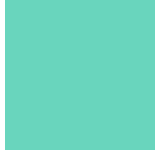
Original Color
57DC7F



Protanomaly
A7CB79



Deuteranomaly
B3C684



Tritanomaly
69D5BD

Monochromacy



Original Color
57DC7F



Achromatopsia
AAAAAA



Achromatomaly
8CBC9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 57DC7F 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 #57DC7F looks like.

```
.text, #text, p{  
    color:#57DC7F  
}
```

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 #57DC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DC7F
}
```

Border

The CSS property to change the border of an element to Hex 57DC7F 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
#57DC7F }
```

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

```
.border{ border-color:#57DC7F }
```

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

Here you see how a box with a 4 pixel #57DC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DC7F; -webkit-box-shadow:4px 4px  
4px 4px #57DC7F; box-shadow:4px 4px 4px  
4px #57DC7F }
```

Background

The CSS property to change the background color of an element to Hex 57DC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DC7F }
```

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

```
.background{ background-color:#57DC7F }
```

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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