

Converting Colors

Hex(57DDC0)

Have a look what the booklet for
Hex(57DDC0) contains.

Hex(57DDC0)	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(57DDC0)

Conversions

Conversions Part 1

Format	Color
Hex	57DDC0
RGB	87, 221, 192
RGB Percent	34%, 87%, 75%
CMY	0.6588, 0.1333, 0.2471
CMYK	0.61, 0.00, 0.13, 0.13
HSL	167°, 66%, 60%
HSV	167°, 61%, 87%
XYZ	39.3014, 57.5449, 58.9051
YIQ	177.6280, -70.5550, -37.4270

Conversions

Conversions Part 2

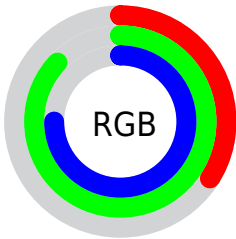
Format	Color
RYB	87, 162, 221
Decimal	5758400
CIELab	80.49, -43.38, 3.39
CIELCh	80, 43.516, 175.534
Yxy	57.5449, 0.2523, 0.3695
Android (android.graphics.Color)	4283948480 (0xFF57DDC0)
YUV	177.6280, 7.0854, -79.4808
Hunter-Lab	75.8584, -40.2733, 7.0614

Details

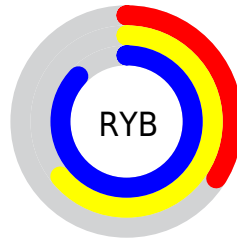
The Hex color **57DDC0** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **DD5774**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **95FFF8**, and **00A58B** is the 20% darker color. If you saturate the color by 10%, you get **41DDBB**, and if you desaturate by 10%, it is **6DDDC5**.

Distribution



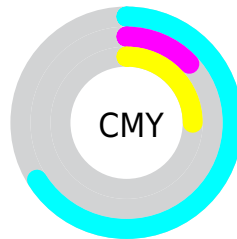
- Red (34%)
- Green (87%)
- Blue (75%)



- Red (34%)
- Yellow (64%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57DDC0 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 57DDC0 by changing the saturation by 10% instead.

 57DDC0

 57DDC0

FFFFFF

 33C1A5

 95FFF8

 00A58B

 B3FFFF

 008A71

 D1FFFF

 007059

 EFFFFFF

 005741

 003E2B

 002917

 000300

 000000

 57DDC0

 57DDC0

 41DDBB

 6DDDC5

 2BDDB6

 83DDCA

 15DDB2

 99DDCE

 00DDAD

 AFDDD3

 C6DDD8

 DCDDDD

 F2DDE1

 FFDDE6

 FFDDEB

Harmonies

Analogous

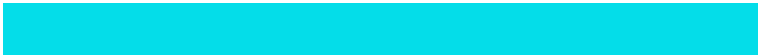
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FD998



57DDC0



04DDE9

Triad

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



57DDC0



C3BFFF



FFB586

Complementary

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



57DDC0



DD5774

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.



FFAAA7



57DDC0



F5B1F6

Square

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



57DDC0



81CEFF



FFA8CF



E8C376

Rectangle

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



57DDC0



0DDAFF



FFA8CF



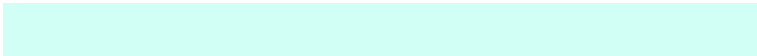
FFB18F

Sweetspot

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



57DDC0



D1FFF5



74DD57



638079



000000



808080

Same Dimension

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



57DDC0



45FFD7



57B7DD



636E6B



00AD88



002E24

Inverse Universe

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



DD5774



FF456D



DD7D57



6E6365



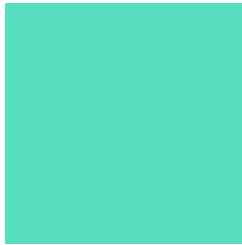
AD0026



2E000A

Previews

White Background



This preview shows how the Hex color 57DDC0 looks on a white background.

Color Contrast Check

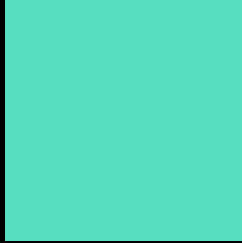
Large Text (above 18pt) WCAG AA × Fail

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 57DDC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

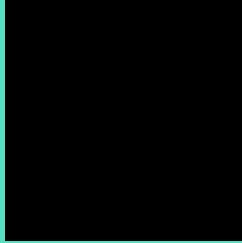
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

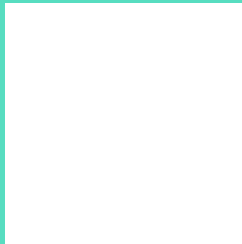
Any Text WCAG AAA ✓ Pass

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

Hex 57DDC0 Background



This preview shows how black text looks on a background with the Hex color 57DDC0.

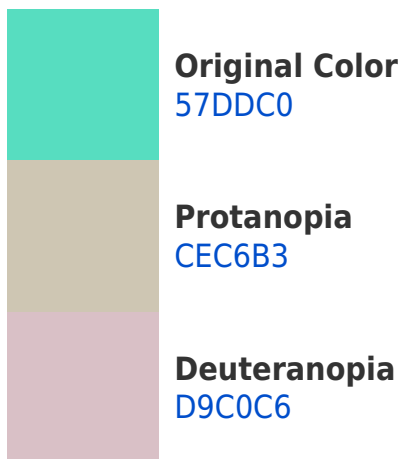


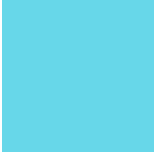
This preview shows how white text looks on a background with the Hex color 57DDC0.

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
67D7E9

Trichromacy



Original Color
57DDC0



Protanomaly
A3CEB8



Deuteranomaly
AACBC4

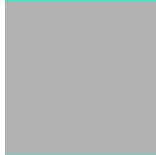


Tritanomaly
61D9DA

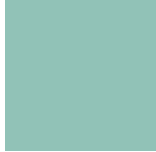
Monochromacy



Original Color
57DDC0



Achromatopsia
B2B2B2



Achromatomaly
91C2B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 57DDC0 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 #57DDC0 looks like.

```
.text, #text, p{  
    color:#57DDC0  
}
```

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 #57DDC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DDC0  
}
```

Border

The CSS property to change the border of an element to Hex 57DDC0 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  
#57DDC0 }
```

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

```
.border{ border-color:#57DDC0 }
```

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

Here you see how a box with a 4 pixel #57DDC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DDC0; -webkit-box-shadow:4px 4px  
4px 4px #57DDC0; box-shadow:4px 4px 4px  
4px #57DDC0 }
```

Background

The CSS property to change the background color of an element to Hex 57DDC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DDC0 }
```

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

```
.background{ background-color:#57DDC0 }
```

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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