

Converting Colors

Hex(57ECD4)

Have a look what the booklet for
Hex(57ECD4) contains.

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Color

Hex(57ECD4)

Conversions

Conversions Part 1

Format	Color
Hex	57ECD4
RGB	87, 236, 212
RGB Percent	34%, 93%, 83%
CMY	0.6588, 0.0745, 0.1686
CMYK	0.63, 0.00, 0.10, 0.07
HSL	170°, 80%, 63%
HSV	170°, 63%, 93%
XYZ	45.8096, 66.7706, 72.7610
YIQ	188.7130, -81.1000, -39.0520

Conversions

Conversions Part 2

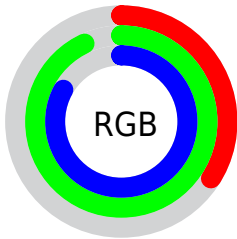
Format	Color
RYB	87, 168, 236
Decimal	5762260
CIELab	85.39, -45.00, -0.05
CIELCh	85, 44.996, 180.060
Yxy	66.7706, 0.2472, 0.3603
Android (android.graphics.Color)	4283952340 (0xFF57ECD4)
YUV	188.7130, 11.4805, -89.2023
Hunter-Lab	81.7133, -42.9287, 4.4050

Details

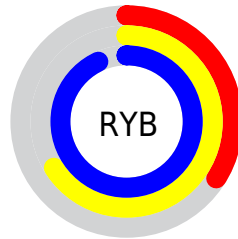
The Hex color **57ECD4** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EC576F**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **97FFFF**, and **00B39E** is the 20% darker color. If you saturate the color by 10%, you get **3FECD0**, and if you desaturate by 10%, it is **6FECD8**.

Distribution



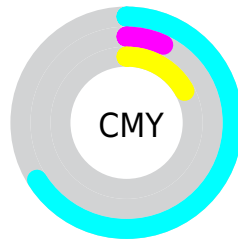
- Red (34%)
- Green (93%)
- Blue (83%)



- Red (34%)
- Yellow (66%)
- Blue (93%)



- Cyan (63%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (66%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57ECD4 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 57ECD4 by changing the saturation by 10% instead.

 57ECD4

 57ECD4

FFFFFF

 30CFB8

 97FFFF

 00B39E

 B6FFFF

 009883

 D5FFFF

 007D6A

 F4FFFF

 006452

 004B3B

 003326

 001C11

 000000

 57ECD4

 57ECD4

 3FECD0

 6FECD8

 28ECCC

 86ECDC

 10ECC9

 9EECDF

 00ECC6

 B5ECE3

 CDECE7

 E5ECEB

 FCECEF

 FFECF2

 FFECF6

Harmonies

Analogous

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



92E8A9



57ECD4



13EBFF

Triad

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



57ECD4



DACAFF



FFC48D

Complementary

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



57ECD4



EC576F

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.



FFB8AD



57ECD4



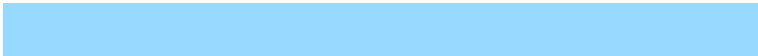
FFBCFF

Square

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



57ECD4



97D9FF



FFB4D7



F1D37F

Rectangle

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



57ECD4



2DE8FF



FFB4D7



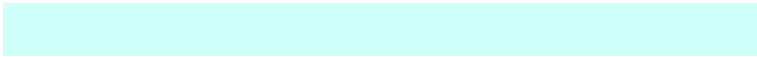
FFBF96

Sweetspot

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



57ECD4



CFFFF7



70EC57



62807B



000000



808080

Same Dimension

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



57ECD4



3DFFE0



57BAEC



6A7573



00B598



00362D

Inverse Universe

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



EC576F



FF3D5C



EC8957



756A6B



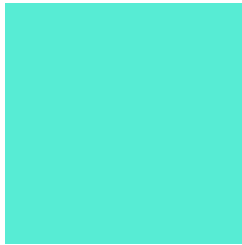
B5001D



360009

Previews

White Background



This preview shows how the Hex color 57ECD4 looks on a white background.

Color Contrast Check

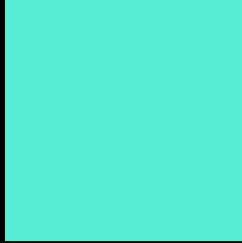
Large Text (above 18pt) WCAG AA × Fail

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 57ECD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

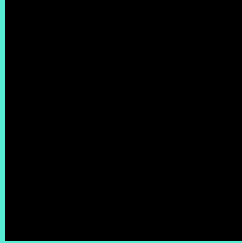
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

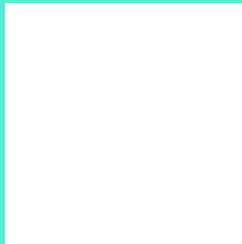
Any Text WCAG AAA ✓ Pass

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

Hex 57ECD4 Background



This preview shows how black text looks on a background with the Hex color 57ECD4.

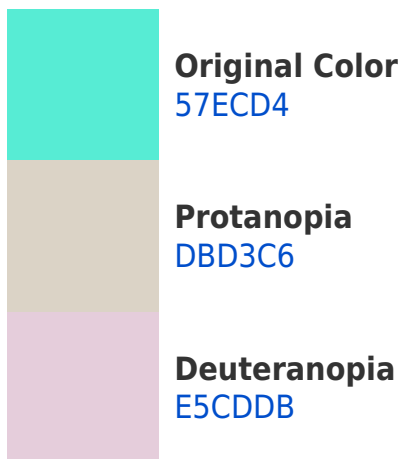


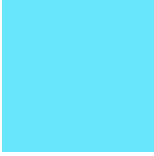
This preview shows how white text looks on a background with the Hex color 57ECD4.

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



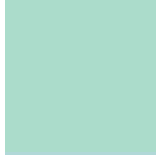


Tritanopia
67E7F9

Trichromacy



Original Color
57ECD4



Protanomaly
ABDCCB



Deuteranomaly
B1D8D8

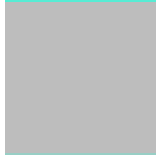


Tritanomaly
61E9EC

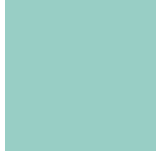
Monochromacy



Original Color
57ECD4



Achromatopsia
BDBDBD



Achromatomaly
98CEC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 57ECD4 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 #57ECD4 looks like.

```
.text, #text, p{  
    color:#57ECD4  
}
```

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 #57ECD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57ECD4
}
```

Border

The CSS property to change the border of an element to Hex 57ECD4 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
#57ECD4 }
```

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

```
.border{ border-color:#57ECD4 }
```

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

Here you see how a box with a 4 pixel #57ECD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57ECD4; -webkit-box-shadow:4px 4px  
4px 4px #57ECD4; box-shadow:4px 4px 4px  
4px #57ECD4 }
```

Background

The CSS property to change the background color of an element to Hex 57ECD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57ECD4 }
```

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

```
.background{ background-color:#57ECD4 }
```

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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