

Converting Colors

Hex(56C9D7)

Have a look what the booklet for
Hex(56C9D7) contains.

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Color

Hex(56C9D7)

Conversions

Conversions Part 1

Format	Color
Hex	56C9D7
RGB	86, 201, 215
RGB Percent	34%, 79%, 84%
CMY	0.6627, 0.2118, 0.1569
CMYK	0.60, 0.07, 0.00, 0.16
HSL	187°, 62%, 59%
HSV	187°, 60%, 84%
XYZ	36.9901, 48.6580, 71.7323
YIQ	168.2110, -73.0340, -20.0260

Conversions

Conversions Part 2

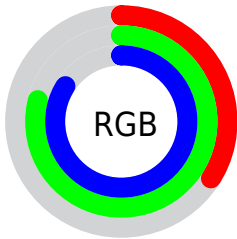
Format	Color
RYB	86, 147, 215
Decimal	5687767
CIELab	75.24, -28.22, -16.72
CIELCh	75, 32.799, 210.647
Yxy	48.6580, 0.2350, 0.3092
Android (android.graphics.Color)	4283877847 (0xFF56C9D7)
YUV	168.2110, 23.0670, -72.0990
Hunter-Lab	69.7553, -27.4160, -12.1417

Details

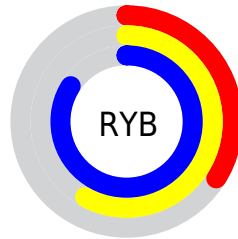
The Hex color **56C9D7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D76456**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **93FFFF**, and **0093A0** is the 20% darker color. If you saturate the color by 10%, you get **41C7D7**, and if you desaturate by 10%, it is **6CCBD7**.

Distribution



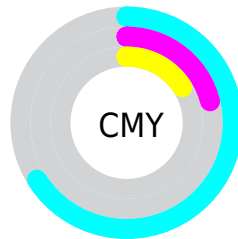
- Red (34%)
- Green (79%)
- Blue (84%)



- Red (34%)
- Yellow (58%)
- Blue (84%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C9D7 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 56C9D7 by changing the saturation by 10% instead.

 56C9D7

 56C9D7

FFFFFF

 33ADBB

 93FFFF

 0093A0

 B1FFFF

 007986

 CFFFFFF

 005F6D

 EFFFFFF

 004754

 00303D

 001C27

 000113

 000000

■ 56C9D7

■ 56C9D7

■ 41C7D7

■ 6CCBD7

■ 2BC4D7

■ 81CED7

■ 15C2D7

■ 97D0D7

■ 00C0D7

■ ACD2D7

■ C2D5D7

■ D7D7D7

■ EDD9D7

■ FFDCD7

■ FFDED7

Harmonies

Analogous

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



69CAB9



56C9D7



68C4ED

Triad

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



56C9D7



E0A8D7



CEB87D

Complementary

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



56C9D7



D76456

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.



E7AD86



56C9D7



F3A3BA

Square

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



56C9D7



BEB1ED



F4A59C



AEC185

Rectangle

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



56C9D7



83BFF4



F4A59C



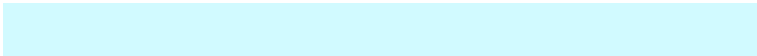
D7B47E

Sweetspot

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



56C9D7



D1FAFF



56D763



637C80



000000



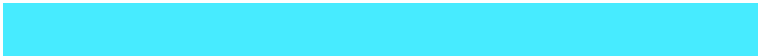
808080

Same Dimension

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



56C9D7



47EBFF



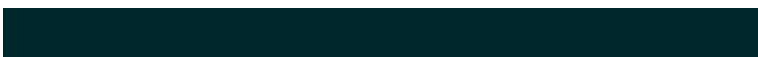
568AD7



606A6B



0098AB



00272B

Inverse Universe

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



D756C9



FF47EB



D7A356



6B606A



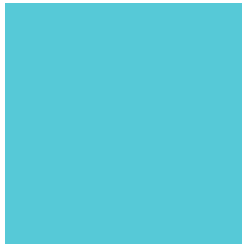
AB0098



2B0027

Previews

White Background



This preview shows how the Hex color 56C9D7 looks on a white background.

Color Contrast Check

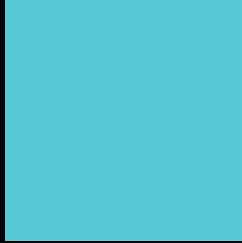
Large Text (above 18pt) WCAG AA × Fail

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 56C9D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

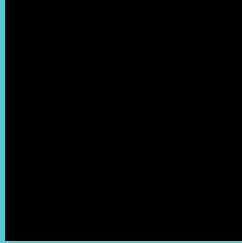
Any Text WCAG AA ✓ Pass

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 56C9D7 Background



This preview shows how black text looks on a background with the Hex color 56C9D7.

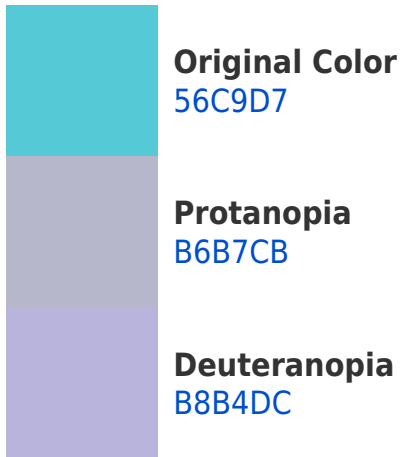


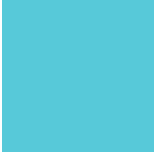
This preview shows how white text looks on a background with the Hex color 56C9D7.

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](#).

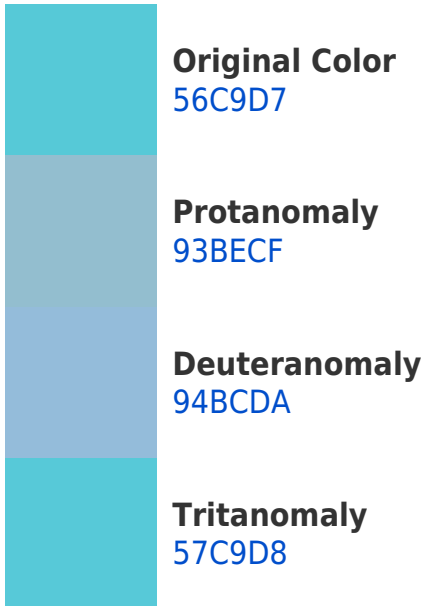
Dichromacy





Tritanopia
57C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56C9D7 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 #56C9D7 looks like.

```
.text, #text, p{  
    color:#56C9D7  
}
```

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 #56C9D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C9D7
}
```

Border

The CSS property to change the border of an element to Hex 56C9D7 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
#56C9D7 }
```

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

```
.border{ border-color:#56C9D7 }
```

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

Here you see how a box with a 4 pixel #56C9D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C9D7; -webkit-box-shadow:4px 4px  
4px 4px #56C9D7; box-shadow:4px 4px 4px  
4px #56C9D7 }
```

Background

The CSS property to change the background color of an element to Hex 56C9D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C9D7 }
```

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

```
.background{ background-color:#56C9D7 }
```

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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