

Converting Colors

Hex(56C6D5)

Have a look what the booklet for
Hex(56C6D5) contains.

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Color

Hex(56C6D5)

Conversions

Conversions Part 1

Format	Color
Hex	56C6D5
RGB	86, 198, 213
RGB Percent	34%, 78%, 84%
CMY	0.6627, 0.2235, 0.1647
CMYK	0.60, 0.07, 0.00, 0.16
HSL	187°, 60%, 59%
HSV	187°, 60%, 84%
XYZ	36.0421, 47.1707, 70.1560
YIQ	166.2220, -71.5670, -19.0790

Conversions

Conversions Part 2

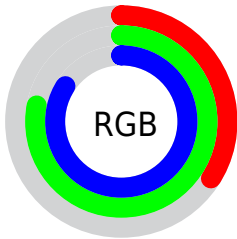
Format	Color
RYB	86, 146, 213
Decimal	5686997
CIELab	74.30, -27.31, -17.05
CIELCh	74, 32.202, 211.979
Yxy	47.1707, 0.2350, 0.3076
Android (android.graphics.Color)	4283877077 (0xFF56C6D5)
YUV	166.2220, 23.0616, -70.3547
Hunter-Lab	68.6809, -26.5192, -12.4868

Details

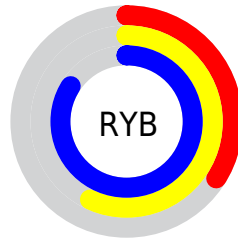
The Hex color **56C6D5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D56556**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **93FFFF**, and **00909E** is the 20% darker color. If you saturate the color by 10%, you get **41C3D5**, and if you desaturate by 10%, it is **6BC9D5**.

Distribution



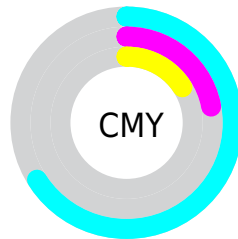
- Red (34%)
- Green (78%)
- Blue (84%)



- Red (34%)
- Yellow (57%)
- Blue (84%)



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



- Cyan (66%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C6D5 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 56C6D5 by changing the saturation by 10% instead.

 56C6D5

 56C6D5

FFFFFF

 33ABB9

 93FFFF

 00909E

 B1FFFF

 007684

 CFFFFFF

 005D6B

 EDFFFF

 004553

 002E3C

 001926

 000110

 000000

■ 56C6D5

■ 56C6D5

■ 41C3D5

■ 6BC9D5

■ 2BC1D5

■ 81CBD5

■ 16BED5

■ 96CED5

■ 01BCD5

■ ABD0D5

■ 00BCD5

■ C1D3D5

■ D6D5D5

■ EBD8D5

■ FFDAD5

■ FFD5D5

Harmonies

Analogous

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



67C7B8



56C6D5



69C1EA

Triad

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



56C6D5



DEA5D3



CAB57B

Complementary

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



56C6D5



D56556

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.



E2AB83



56C6D5



F0A1B6

Square

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



56C6D5



BDAEE9



F0A399



AABE84

Rectangle

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



56C6D5



84BCF1



F0A399



D3B27C

Sweetspot

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



56C6D5



D1FAFF



56D565



637C80



000000



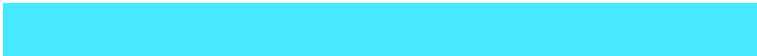
808080

Same Dimension

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



56C6D5



47E9FF



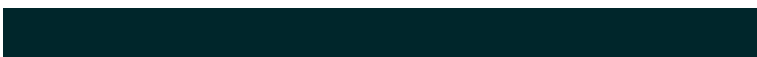
5687D5



606A6B



0097AB



00262B

Inverse Universe

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



D556C6



FF47E9



D5A456



6B606A



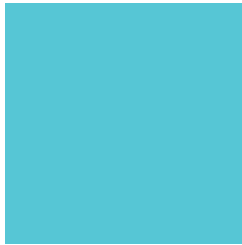
AB0097



2B0026

Previews

White Background



This preview shows how the Hex color 56C6D5 looks on a white background.

Color Contrast Check

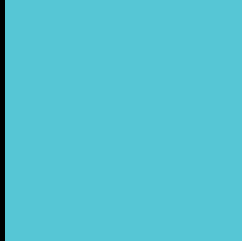
Large Text (above 18pt) WCAG AA × Fail

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 56C6D5 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 56C6D5 Background



This preview shows how black text looks on a background with the Hex color 56C6D5.

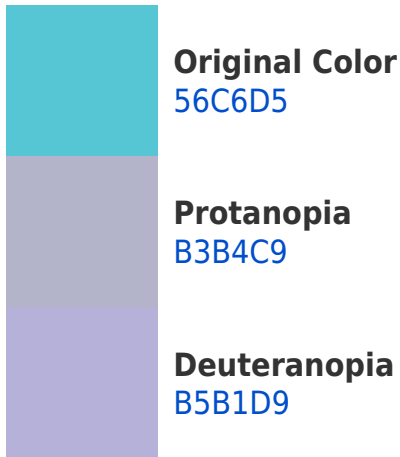


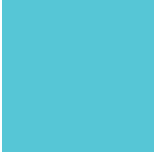
This preview shows how white text looks on a background with the Hex color 56C6D5.

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
56C6D6

Trichromacy



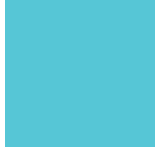
Original Color
56C6D5



Protanomaly
91BBCD



Deuteranomaly
92B9D8

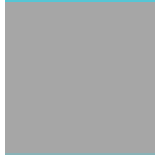


Tritanomaly
56C6D6

Monochromacy



Original Color
56C6D5



Achromatopsia
A6A6A6



Achromatomaly
89B2B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C6D5 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 #56C6D5 looks like.

```
.text, #text, p{  
    color:#56C6D5  
}
```

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 #56C6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C6D5  
}
```

Border

The CSS property to change the border of an element to Hex 56C6D5 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  
#56C6D5 }
```

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

```
.border{ border-color:#56C6D5 }
```

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

Here you see how a box with a 4 pixel #56C6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C6D5; -webkit-box-shadow:4px 4px  
4px 4px #56C6D5; box-shadow:4px 4px 4px  
4px #56C6D5 }
```

Background

The CSS property to change the background color of an element to Hex 56C6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C6D5 }
```

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

```
.background{ background-color:#56C6D5 }
```

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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