

Converting Colors

Hex(56B8D7)

Have a look what the booklet for
Hex(56B8D7) contains.

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Color

Hex(56B8D7)

Conversions

Conversions Part 1

Format	Color
Hex	56B8D7
RGB	86, 184, 215
RGB Percent	34%, 72%, 84%
CMY	0.6627, 0.2784, 0.1569
CMYK	0.60, 0.14, 0.00, 0.16
HSL	194°, 62%, 59%
HSV	194°, 60%, 84%
XYZ	33.2440, 41.1657, 70.4836
YIQ	158.2320, -68.3590, -11.1350

Conversions

Conversions Part 2

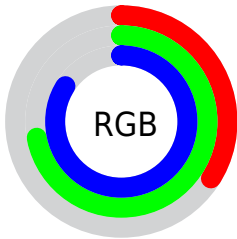
Format	Color
R _{YB}	86, 142, 215
Decimal	5683415
CIE Lab	70.29, -19.66, -24.23
CIE LCh	70, 31.205, 230.943
Yxy	41.1657, 0.2294, 0.2841
Android (android.graphics.Color)	4283873495 (0xFF56B8D7)
YUV	158.2320, 27.9866, -63.3475
Hunter-Lab	64.1605, -19.7933, -20.2208

Details

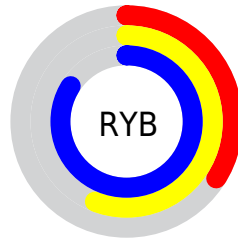
The Hex color **56B8D7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **D77556**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **92F0FF**, and **0083A0** is the 20% darker color. If you saturate the color by 10%, you get **41B3D7**, and if you desaturate by 10%, it is **6CBDD7**.

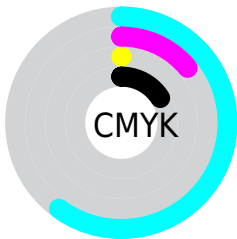
Distribution



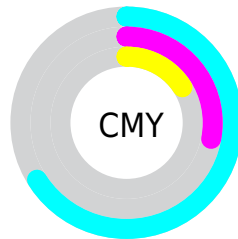
- Red (34%)
- Green (72%)
- Blue (84%)



- Red (34%)
- Yellow (56%)
- Blue (84%)



- Cyan (60%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B8D7 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 56B8D7 by changing the saturation by 10% instead.

■ 56B8D7

FFFFFF

■ 92F0FF

■ B0FFFF

■ CEFFFF

■ ECFFFF

■ 56B8D7

■ 349DBB

■ 0083A0

■ 006A86

■ 00516D

■ 003A54

■ 00243D

■ 000527

■ 000111

■ 000000

■ 56B8D7

■ 56B8D7

■ 41B3D7

■ 6CBDD7

■ 2BAED7

■ 81C2D7

■ 15A9D7

■ 97C8D7

■ 00A3D7

■ ACCDD7

■ C2D2D7

■ D7D7D7

■ EDDCD7

■ FFE1D7

■ FFE7D7

Harmonies

Analogous

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



51BBBF



56B8D7



79B1E3

Triad

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



56B8D7



DE97B6



ABB076

Complementary

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



56B8D7



D77556

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.



C8A774



56B8D7



E59799

Square

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



56B8D7



C89ED0



DC9E81



8BB787

Rectangle

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



56B8D7



96ABE3



DC9E81



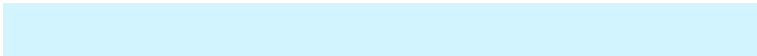
B5AD74

Sweetspot

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



56B8D7



D1F4FF



56D774



637980



000000



808080

Same Dimension

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



56B8D7



47D3FF



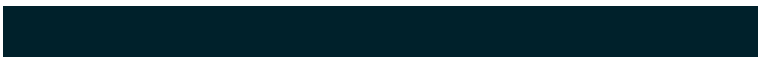
5678D7



60696B



0082AB



00212B

Inverse Universe

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



D756B8



FF47D3



D7B556



6B6069



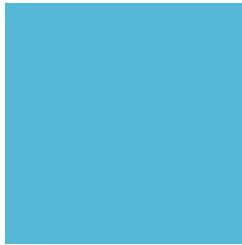
AB0082



2B0021

Previews

White Background



This preview shows how the Hex color 56B8D7 looks on a white background.

Color Contrast Check

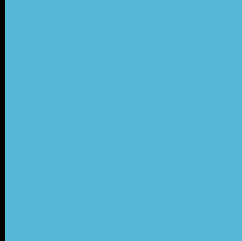
Large Text (above 18pt) WCAG AA × Fail

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 56B8D7 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 56B8D7 Background



This preview shows how black text looks on a background with the Hex color 56B8D7.

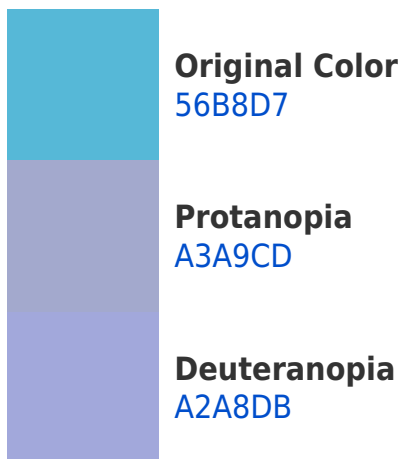


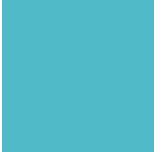
This preview shows how white text looks on a background with the Hex color 56B8D7.

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](#).

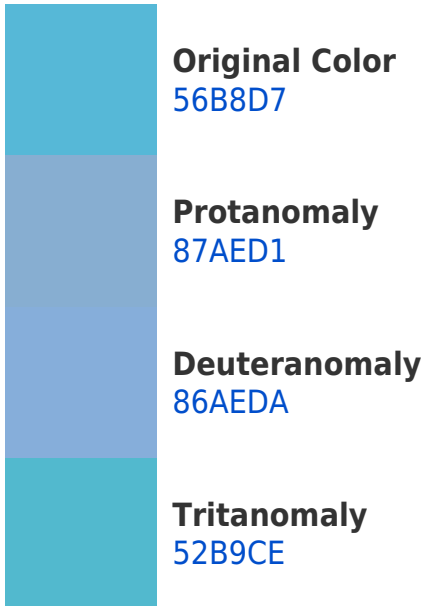
Dichromacy





Tritanopia
50BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B8D7 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 #56B8D7 looks like.

```
.text, #text, p{  
    color:#56B8D7  
}
```

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 #56B8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B8D7
}
```

Border

The CSS property to change the border of an element to Hex 56B8D7 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
#56B8D7 }
```

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

```
.border{ border-color:#56B8D7 }
```

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

Here you see how a box with a 4 pixel #56B8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B8D7; -webkit-box-shadow:4px 4px  
4px 4px #56B8D7; box-shadow:4px 4px 4px  
4px #56B8D7 }
```

Background

The CSS property to change the background color of an element to Hex 56B8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B8D7 }
```

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

```
.background{ background-color:#56B8D7 }
```

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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