

Converting Colors

Hex(58BDDD)

Have a look what the booklet for
Hex(58BDDD) contains.

Hex(58BDDD)	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(58BDDD)

Conversions

Conversions Part 1

Format	Color
Hex	58BDDD
RGB	88, 189, 221
RGB Percent	35%, 74%, 87%
CMY	0.6549, 0.2588, 0.1333
CMYK	0.60, 0.14, 0.00, 0.13
HSL	194°, 66%, 61%
HSV	194°, 60%, 87%
XYZ	35.2732, 43.6904, 74.9806
YIQ	162.4490, -70.4680, -11.4600

Conversions

Conversions Part 2

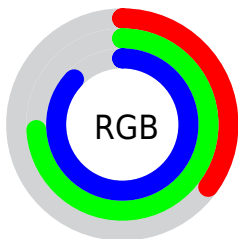
Format	Color
RYB	88, 145, 221
Decimal	5815773
CIELab	72.02, -20.09, -24.85
CIELCh	72, 31.957, 231.053
Yxy	43.6904, 0.2291, 0.2838
Android (android.graphics.Color)	4284005853 (0xFF58BDDD)
YUV	162.4490, 28.8656, -65.2918
Hunter-Lab	66.0987, -20.4170, -20.9879

Details

The Hex color **58BDDD** 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 **DD7858**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **95F5FF**, and **0088A6** is the 20% darker color. If you saturate the color by 10%, you get **42B8DD**, and if you desaturate by 10%, it is **6EC2DD**.

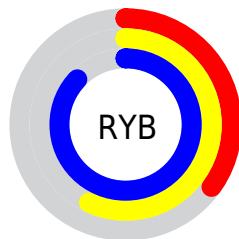
Distribution



Red (35%)

Green (74%)

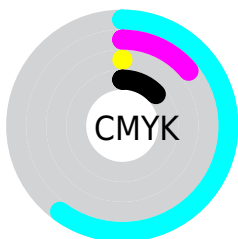
Blue (87%)



Red (35%)

Yellow (57%)

Blue (87%)

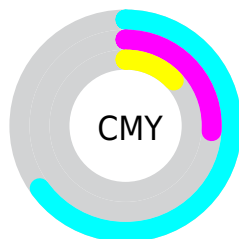


Cyan (60%)

Magenta (14%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (26%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58BDDD 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 58BDDD by changing the saturation by 10% instead.

■ 58BDDD

■ 58BDDD

FFFFFF

■ 36A2C1

■ 95F5FF

■ 0088A6

■ B2FFFF

■ 006E8B

■ D0FFFF

■ 005672

■ EEEFFF

■ 003E59

■ 002842

■ 00102C

■ 000116

■ 000000

■ 58BDDD

■ 58BDDD

■ 42B8DD

■ 6EC2DD

■ 2CB2DD

■ 84C8DD

■ 16A8DD

■ 9ACDDD

■ 00A8DD

■ B0D2DD

■ C7D8DD

■ DDDDDD

■ F3E2DD

■ FFE8DD

■ FFEDDD

Harmonies

Analogous

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



53C0C4



58BDDD



7DB6EA

Triad

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



58BDDD



E49BBB



B0B579

Complementary

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



58BDDD



DD7858

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.



CDAC77



58BDDD



EB9C9D

Square

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



58BDDD



CDA2D6



E2A284



8EBC8B

Rectangle

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



58BDDD



9AB0E9



E2A284



BAB277

Sweetspot

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



58BDDD



D1F4FF



58DD77



637980



000000



808080

Same Dimension

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



58BDDD



47D3FF



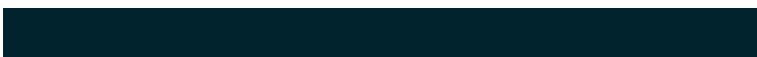
587BDD



636B6E



0084AD



00232E

Inverse Universe

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



DD58BD



FF47D3



DDBA58



6E636B



AD0084



2E0023

Previews

White Background



This preview shows how the Hex color 58BDDD looks on a white background.

Color Contrast Check

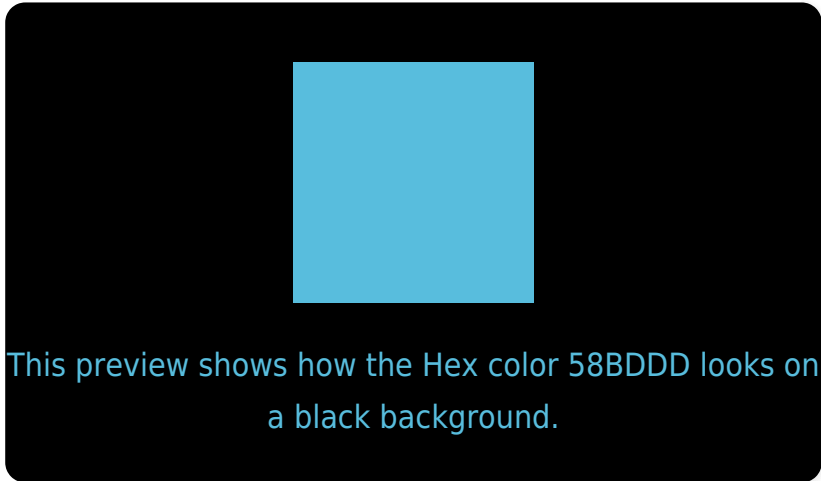
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 58BDDD Background



This preview shows how black text looks on a background with the Hex color 58BDDD.

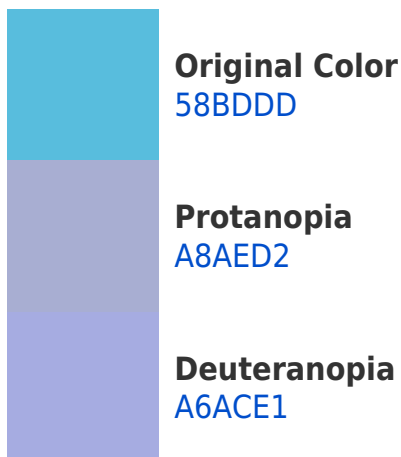


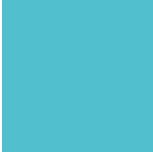
This preview shows how white text looks on a background with the Hex color 58BDDD.

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](#).

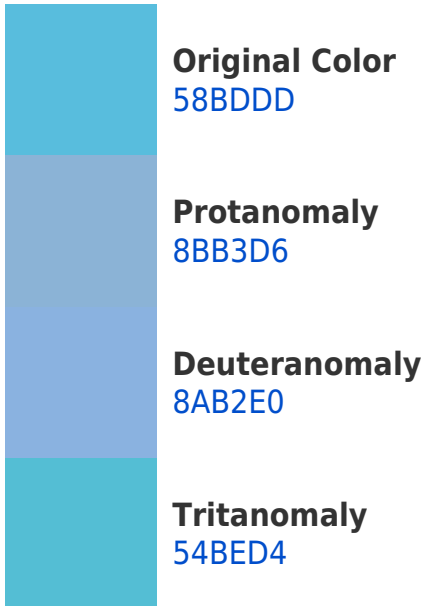
Dichromacy



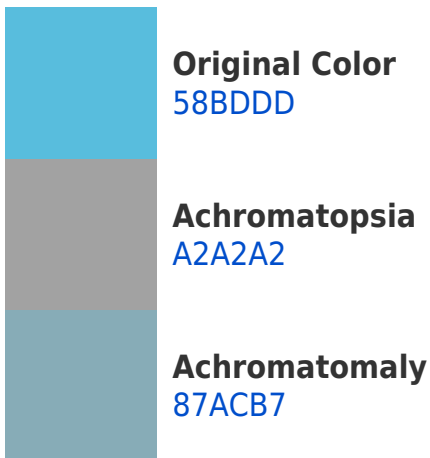


Tritanopia
52BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58BDDD 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 #58BDDD looks like.

```
.text, #text, p{  
    color:#58BDDD  
}
```

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 #58BDDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58BDDD
}
```

Border

The CSS property to change the border of an element to Hex 58BDDD 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
#58BDDD }
```

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

```
.border{ border-color:#58BDDD }
```

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

Here you see how a box with a 4 pixel #58BDDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58BDDD; -webkit-box-shadow:4px 4px  
4px 4px #58BDDD; box-shadow:4px 4px 4px  
4px #58BDDD }
```

Background

The CSS property to change the background color of an element to Hex 58BDDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58BDDD }
```

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

```
.background{ background-color:#58BDDD }
```

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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