

Converting Colors

Hex(53BBD0)

Have a look what the booklet for
Hex(53BBD0) contains.

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Color

Hex(53BBD0)

Conversions

Conversions Part 1

Format	Color
Hex	53BBD0
RGB	83, 187, 208
RGB Percent	33%, 73%, 82%
CMY	0.6745, 0.2667, 0.1843
CMYK	0.60, 0.10, 0.00, 0.18
HSL	190°, 57%, 57%
HSV	190°, 60%, 82%
XYZ	32.7228, 41.9337, 66.0439
YIQ	158.2980, -68.7250, -15.5170

Conversions

Conversions Part 2

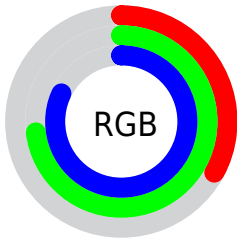
Format	Color
RYB	83, 140, 208
Decimal	5487568
CIELab	70.83, -23.81, -19.60
CIELCh	71, 30.841, 219.459
Yxy	41.9337, 0.2326, 0.2980
Android (android.graphics.Color)	4283677648 (0xFF53BBD0)
YUV	158.2980, 24.5031, -66.0363
Hunter-Lab	64.7562, -23.1234, -15.1395

Details

The Hex color **53BBD0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D06853**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8FF3FF**, and **00869A** is the 20% darker color. If you saturate the color by 10%, you get **3EB8D0**, and if you desaturate by 10%, it is **68BED0**.

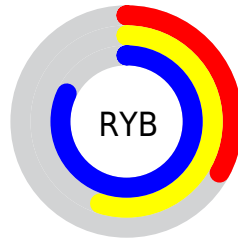
Distribution



Red (33%)

Green (73%)

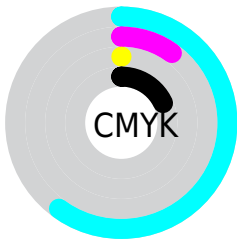
Blue (82%)



Red (33%)

Yellow (55%)

Blue (82%)

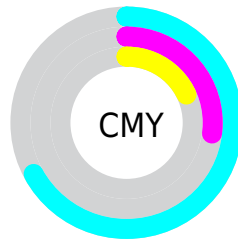


Cyan (60%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BBD0 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 53BBD0 by changing the saturation by 10% instead.

■ 53BBD0

■ 53BBD0

FFFFFF

■ 31A0B4

■ 8FF3FF

■ 00869A

■ ADFFFF

■ 006C80

■ CBFFFF

■ 005367

■ E9FFFF

■ 003C4E

■ 002637

■ 000822

■ 000009

■ 000000

■ 53BBD0

■ 53BBD0

■ 3EB8D0

■ 68BED0

■ 29B4D0

■ 7DC2D0

■ 15B1D0

■ 91C5D0

■ 00ADD0

■ A6C9D0

■ BBCCD0

■ D0D0D0

■ E5D3D0

■ F9D7D0

■ FFDAD0

Harmonies

Analogous

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



5BBDB6



53BBD0



6DB6E1

Triad

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



53BBD0



D89BC2



B8AE76

Complementary

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



53BBD0



D06853

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.



D2A579



53BBD0



E598A5

Square

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



53BBD0



BDA3D9



E29C8B



99B681

Rectangle

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



53BBD0



88B0E5



E29C8B



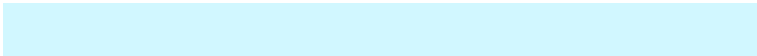
C1AB75

Sweetspot

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



53BBD0



D1F7FF



53D068



637B80



000000



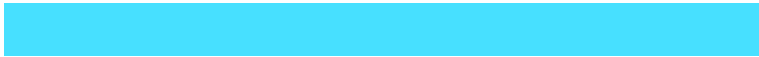
808080

Same Dimension

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



53BBD0



47E0FF



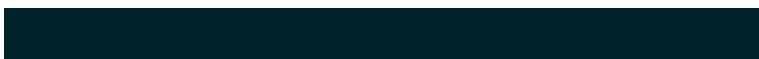
537DD0



5E6769



008CA8



002229

Inverse Universe

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



D053BB



FF47E0



D0A653



695E67



A8008C



290022

Previews

White Background



This preview shows how the Hex color 53BBD0 looks on a white background.

Color Contrast Check

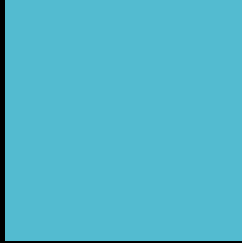
Large Text (above 18pt) WCAG AA × Fail

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 53BBD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

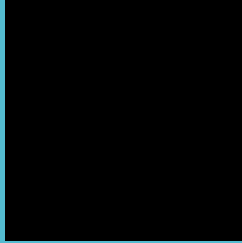
Any Text WCAG AA ✓ Pass

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 53BBD0 Background



This preview shows how black text looks on a background with the Hex color 53BBD0.

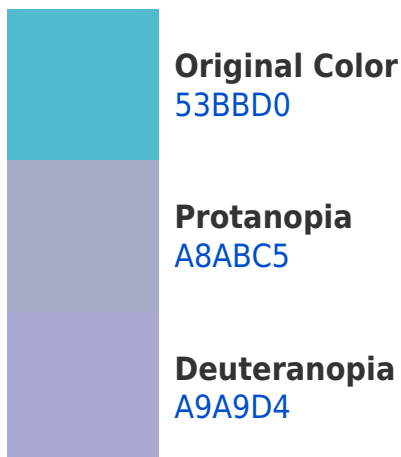


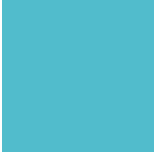
This preview shows how white text looks on a background with the Hex color 53BBD0.

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](#).

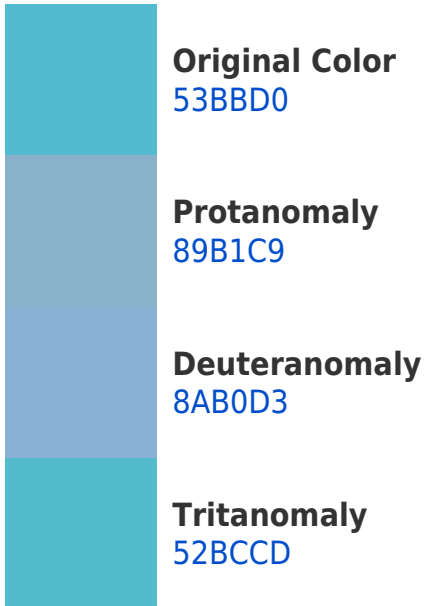
Dichromacy





Tritanopia
51BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53BBD0 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 #53BBD0 looks like.

```
.text, #text, p{  
    color:#53BBD0  
}
```

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 #53BBD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BBD0
}
```

Border

The CSS property to change the border of an element to Hex 53BBD0 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
#53BBD0 }
```

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

```
.border{ border-color:#53BBD0 }
```

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

Here you see how a box with a 4 pixel #53BBD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BBD0; -webkit-box-shadow:4px 4px  
4px 4px #53BBD0; box-shadow:4px 4px 4px  
4px #53BBD0 }
```

Background

The CSS property to change the background color of an element to Hex 53BBD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BBD0 }
```

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

```
.background{ background-color:#53BBD0 }
```

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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