

Converting Colors

Hex(55B0D9)

Have a look what the booklet for
Hex(55B0D9) contains.

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Color

Hex(55B0D9)

Conversions

Conversions Part 1

Format	Color
Hex	55B0D9
RGB	85, 176, 217
RGB Percent	33%, 69%, 85%
CMY	0.6667, 0.3098, 0.1490
CMYK	0.61, 0.19, 0.00, 0.15
HSL	199°, 63%, 59%
HSV	199°, 61%, 85%
XYZ	31.7960, 37.9917, 71.3029
YIQ	153.4650, -67.3970, -6.5410

Conversions

Conversions Part 2

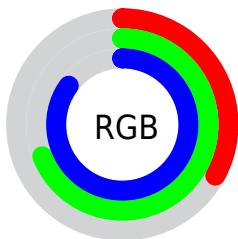
Format	Color
RYB	85, 139, 217
Decimal	5615833
CIELab	68.01, -15.04, -28.83
CIELCh	68, 32.512, 242.452
Yxy	37.9917, 0.2254, 0.2693
Android (android.graphics.Color)	4283805913 (0xFF55B0D9)
YUV	153.4650, 31.3228, -60.0438
Hunter-Lab	61.6374, -15.7852, -25.4412

Details

The Hex color **55B0D9** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D97E55**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91E8FF**, and **007BA2** is the 20% darker color. If you saturate the color by 10%, you get **3FA9D9**, and if you desaturate by 10%, it is **6BB7D9**.

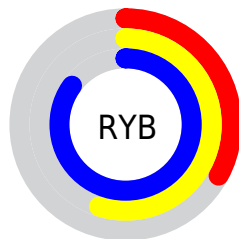
Distribution



Red (33%)

Green (69%)

Blue (85%)



Red (33%)

Yellow (55%)

Blue (85%)

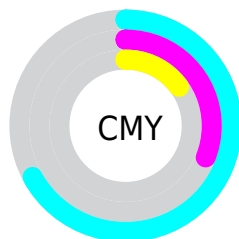


Cyan (61%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (67%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B0D9 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 55B0D9 by changing the saturation by 10% instead.

 55B0D9

 55B0D9

FFFFFF

 3395BD

 91E8FF

 007BA2

 AFFFFFFF

 006388

 CCFFFF

 004B6E

 EAFFFF

 003456

 001F3E

 000328

 000112

 000000

■ 55B0D9

■ 55B0D9

■ 3FA9D9

■ 6BB7D9

■ 2AA3D9

■ 80BDD9

■ 149CD9

■ 96C4D9

■ 0096D9

■ ACCBD9

■ C2D2D9

■ D7D8D9

■ EDDFD9

■ FFE6D9

■ FFEDD9

Harmonies

Analogous

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



3FB5C4



55B0D9



81A8E0

Triad

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



55B0D9



DE8FA4



98AD73

Complementary

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



55B0D9



D97E55

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.



B8A56B



55B0D9



DE9288

Square

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



55B0D9



CD94C1



D09B73



76B38A

Rectangle

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



55B0D9



9FA1DC



D09B73



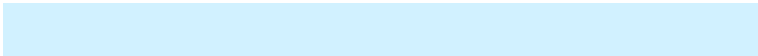
A3AB6F

Sweetspot

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



55B0D9



D1F1FF



55D97D



637780



000000



808080

Same Dimension

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



55B0D9



45C5FF



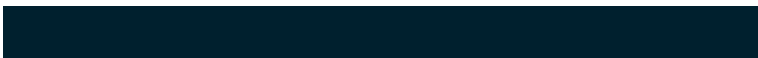
556FD9



636A6E



0078AD



00202E

Inverse Universe

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



D955B0



FF45C5



D9BF55



6E636A



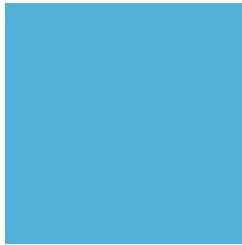
AD0078



2E0020

Previews

White Background



This preview shows how the Hex color 55B0D9 looks on a white background.

Color Contrast Check

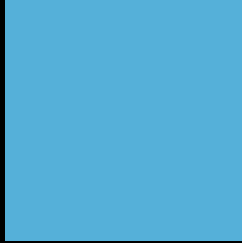
Large Text (above 18pt) WCAG AA × Fail

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 55B0D9 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 55B0D9 Background



This preview shows how black text looks on a background with the Hex color 55B0D9.

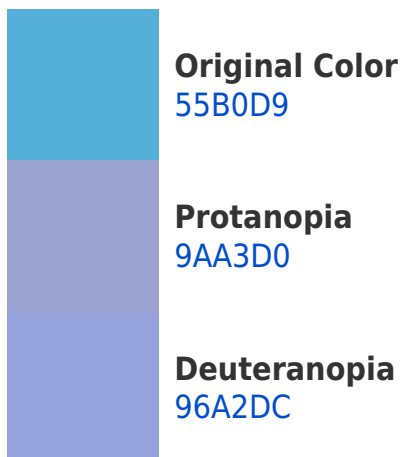


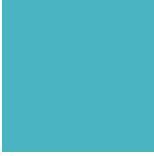
This preview shows how white text looks on a background with the Hex color 55B0D9.

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](#).

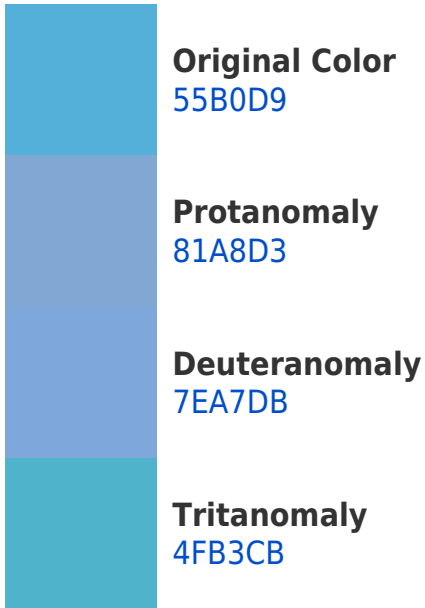
Dichromacy



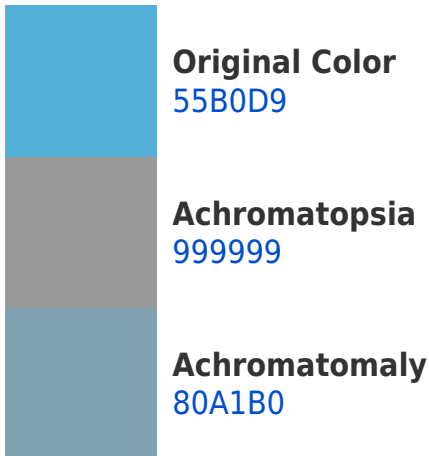


Tritanopia
4BB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B0D9 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 #55B0D9 looks like.

```
.text, #text, p{  
    color:#55B0D9  
}
```

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 #55B0D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B0D9
}
```

Border

The CSS property to change the border of an element to Hex 55B0D9 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
#55B0D9 }
```

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

```
.border{ border-color:#55B0D9 }
```

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

Here you see how a box with a 4 pixel #55B0D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B0D9; -webkit-box-shadow:4px 4px  
4px 4px #55B0D9; box-shadow:4px 4px 4px  
4px #55B0D9 }
```

Background

The CSS property to change the background color of an element to Hex 55B0D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B0D9 }
```

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

```
.background{ background-color:#55B0D9 }
```

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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