

Converting Colors

Hex(55B1D7)

Have a look what the booklet for
Hex(55B1D7) contains.

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Color

Hex(55B1D7)

Conversions

Conversions Part 1

Format	Color
Hex	55B1D7
RGB	85, 177, 215
RGB Percent	33%, 69%, 84%
CMY	0.6667, 0.3059, 0.1569
CMYK	0.60, 0.18, 0.00, 0.16
HSL	198°, 62%, 59%
HSV	198°, 60%, 84%
XYZ	31.7342, 38.2819, 70.0065
YIQ	153.8240, -67.0300, -7.6860

Conversions

Conversions Part 2

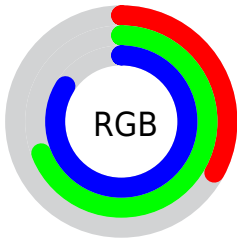
Format	Color
R _Y B	85, 139, 215
Decimal	5616087
CIE Lab	68.23, -16.18, -27.40
CIE LCh	68, 31.820, 239.435
Yxy	38.2819, 0.2266, 0.2734
Android (android.graphics.Color)	4283806167 (0xFF55B1D7)
YUV	153.8240, 30.1598, -60.3586
Hunter-Lab	61.8723, -16.7243, -23.7741

Details

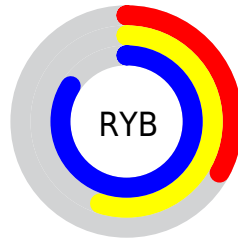
The Hex color **55B1D7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **D77B55**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **91E9FF**, and **007CA0** is the 20% darker color. If you saturate the color by 10%, you get **40ABD7**, and if you desaturate by 10%, it is **6BB7D7**.

Distribution



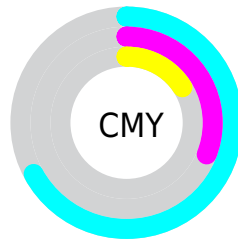
- Red (33%)
- Green (69%)
- Blue (84%)



- Red (33%)
- Yellow (55%)
- Blue (84%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B1D7 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 55B1D7 by changing the saturation by 10% instead.

■ 55B1D7

■ 55B1D7

FFFFFF

■ 3396BB

■ 91E9FF

■ 007CA0

■ AFFFFFF

■ 006386

■ CCFFFF

■ 004B6C

■ EAFFFF

■ 003554

■ 00203D

■ 000327

■ 000110

■ 000000

■ 55B1D7

■ 55B1D7

■ 40ABD7

■ 6BB7D7

■ 2AA4D7

■ 80BED7

■ 159ED7

■ 96C4D7

■ 0098D7

■ ABCAD7

■ C1D0D7

■ D6D7D7

■ ECDDD7

■ FFE3D7

■ FFEAD7

Harmonies

Analogous

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



44B5C2



55B1D7



7FA9DF

Triad

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



55B1D7



DD91A8



9CAD74

Complementary

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



55B1D7



D77B55

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.



BBA46D



55B1D7



DE938B

Square

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



55B1D7



CA96C4



D29B76



7BB388

Rectangle

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



55B1D7



9CA3DC



D29B76



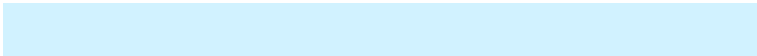
A7AA6F

Sweetspot

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



55B1D7



D1F2FF



55D77A



637780



000000



808080

Same Dimension

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



55B1D7



45C9FF



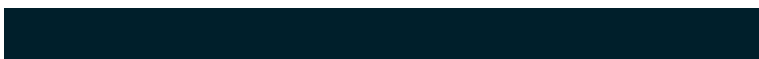
5571D7



60686B



0079AB



001F2B

Inverse Universe

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



D755B1



FF45C9



D7BB55



6B6068



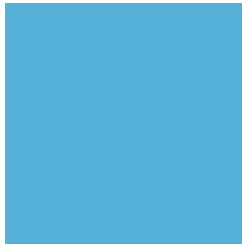
AB0079



2B001F

Previews

White Background



This preview shows how the Hex color 55B1D7 looks on a white background.

Color Contrast Check

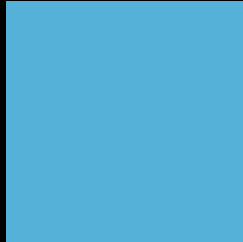
Large Text (above 18pt) WCAG AA × Fail

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 55B1D7 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 55B1D7 Background



This preview shows how black text looks on a background with the Hex color 55B1D7.

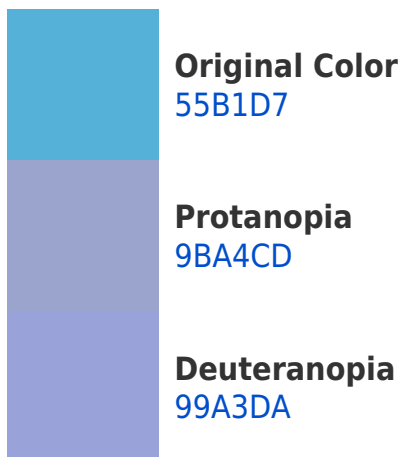


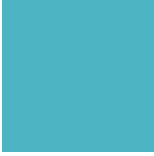
This preview shows how white text looks on a background with the Hex color 55B1D7.

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](#).

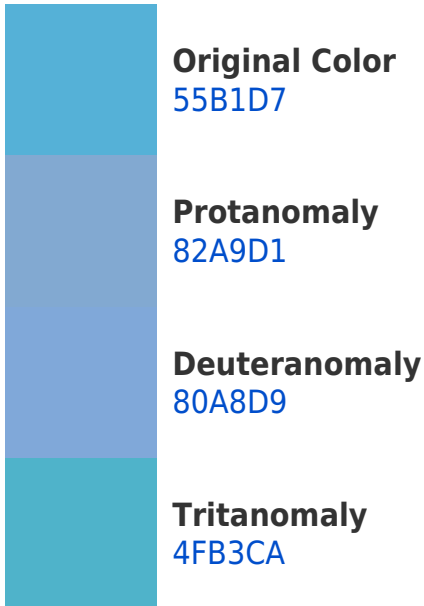
Dichromacy



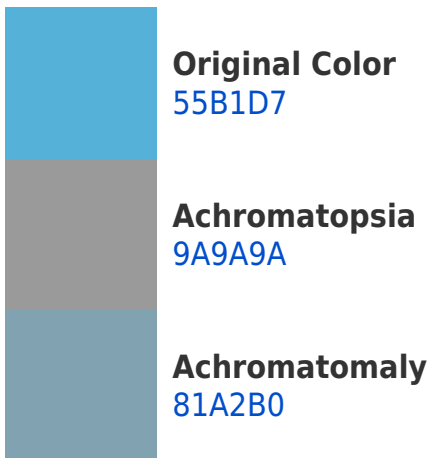


Tritanopia
4CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B1D7 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 #55B1D7 looks like.

```
.text, #text, p{  
    color:#55B1D7  
}
```

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 #55B1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B1D7
}
```

Border

The CSS property to change the border of an element to Hex 55B1D7 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
#55B1D7 }
```

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

```
.border{ border-color:#55B1D7 }
```

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

Here you see how a box with a 4 pixel #55B1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B1D7; -webkit-box-shadow:4px 4px  
4px 4px #55B1D7; box-shadow:4px 4px 4px  
4px #55B1D7 }
```

Background

The CSS property to change the background color of an element to Hex 55B1D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B1D7 }
```

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

```
.background{ background-color:#55B1D7 }
```

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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