

Converting Colors

Hex(55B1D6)

Have a look what the booklet for
Hex(55B1D6) contains.

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Color

Hex(55B1D6)

Conversions

Conversions Part 1

Format	Color
Hex	55B1D6
RGB	85, 177, 214
RGB Percent	33%, 69%, 84%
CMY	0.6667, 0.3059, 0.1608
CMYK	0.60, 0.17, 0.00, 0.16
HSL	197°, 61%, 59%
HSV	197°, 60%, 84%
XYZ	31.6061, 38.2306, 69.3318
YIQ	153.7100, -66.7090, -7.9970

Conversions

Conversions Part 2

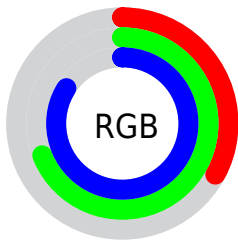
Format	Color
RYB	85, 139, 214
Decimal	5616086
CIELab	68.19, -16.49, -26.91
CIELCh	68, 31.557, 238.503
Yxy	38.2306, 0.2271, 0.2747
Android (android.graphics.Color)	4283806166 (0xFF55B1D6)
YUV	153.7100, 29.7230, -60.2587
Hunter-Lab	61.8309, -16.9604, -23.2010

Details

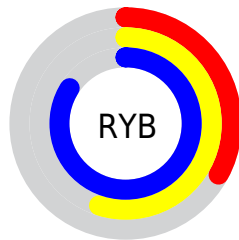
The Hex color **55B1D6** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **D67A55**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91E9FF**, and **007C9F** is the 20% darker color. If you saturate the color by 10%, you get **40ABD6**, and if you desaturate by 10%, it is **6AB7D6**.

Distribution



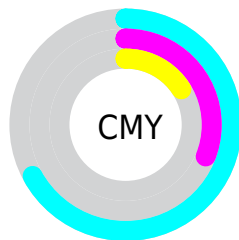
- Red (33%)
- Green (69%)
- Blue (84%)



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



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 55B1D6 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 55B1D6 by changing the saturation by 10% instead.

■ 55B1D6

■ 55B1D6

FFFFFF

■ 3396BA

■ 91E9FF

■ 007C9F

■ AEFFFF

■ 006385

■ CCFFFF

■ 004B6C

■ EAFFFF

■ 003553

■ 00203C

■ 000326

■ 00010F

■ 000000

■ 55B1D6

■ 55B1D6

■ 40ABD6

■ 6AB7D6

■ 2AA5D6

■ 80BDD6

■ 159FD6

■ 95C3D6

■ 0099D6

■ ABCAD6

■ C0D0D6

■ D5D6D6

■ EBDCD6

■ FFE2D6

■ FFE8D6

Harmonies

Analogous

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



46B5C0



55B1D6



7EA9DF

Triad

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



55B1D6



DC91A9



9DAD73

Complementary

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



55B1D6



D67A55

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



55B1D6



DE938C

Square

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



55B1D6



C996C4



D29A77



7CB388

Rectangle

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



55B1D6



9BA3DC



D29A77



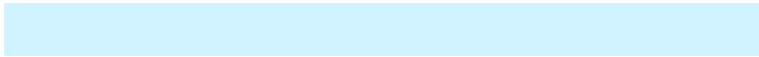
A8AA70

Sweetspot

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



55B1D6



D1F2FF



55D67A



637780



000000



808080

Same Dimension

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



55B1D6



47CAFF



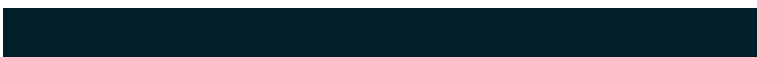
5571D6



60686B



007AAB



001F2B

Inverse Universe

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



D655B1



FF47CA



D6BA55



6B6068



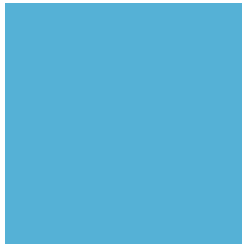
AB007A



2B001F

Previews

White Background



This preview shows how the Hex color 55B1D6 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 55B1D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

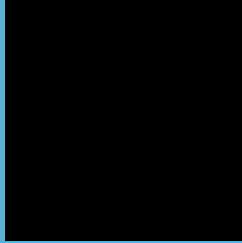
Any Text WCAG AA ✓ Pass

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 55B1D6 Background



This preview shows how black text looks on a background with the Hex color 55B1D6.

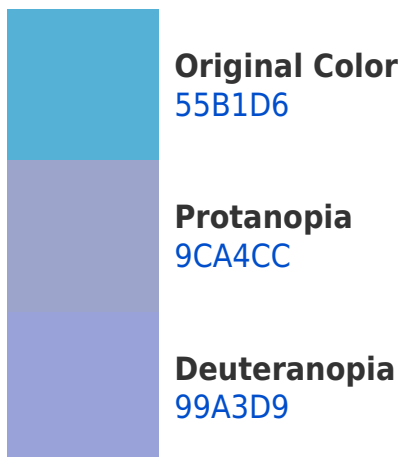


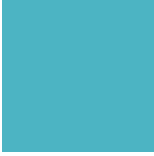
This preview shows how white text looks on a background with the Hex color 55B1D6.

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](#).

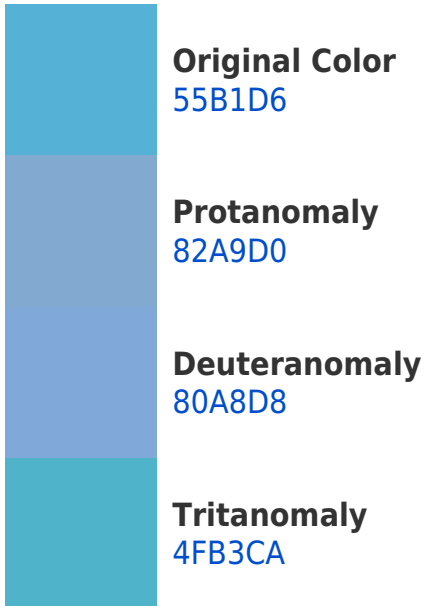
Dichromacy



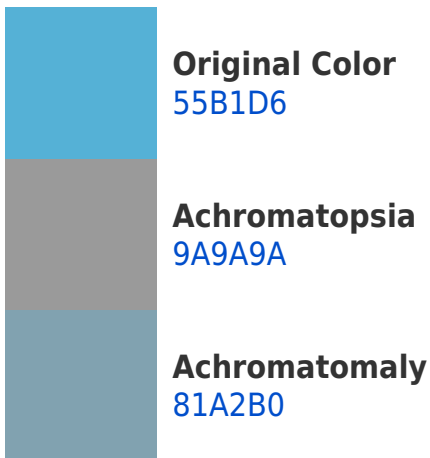


Tritanopia
4CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B1D6 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 #55B1D6 looks like.

```
.text, #text, p{  
    color:#55B1D6  
}
```

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 #55B1D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B1D6
}
```

Border

The CSS property to change the border of an element to Hex 55B1D6 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
#55B1D6 }
```

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

```
.border{ border-color:#55B1D6 }
```

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

Here you see how a box with a 4 pixel #55B1D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B1D6; -webkit-box-shadow:4px 4px  
4px 4px #55B1D6; box-shadow:4px 4px 4px  
4px #55B1D6 }
```

Background

The CSS property to change the background color of an element to Hex 55B1D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B1D6 }
```

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

```
.background{ background-color:#55B1D6 }
```

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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