

Converting Colors

Hex(55ABDD)

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

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Color

Hex(55ABDD)

Conversions

Conversions Part 1

Format	Color
Hex	55ABDD
RGB	85, 171, 221
RGB Percent	33%, 67%, 87%
CMY	0.6667, 0.3294, 0.1333
CMYK	0.62, 0.23, 0.00, 0.13
HSL	202°, 67%, 60%
HSV	202°, 62%, 87%
XYZ	31.3604, 36.2776, 73.7560
YIQ	150.9860, -67.3060, -2.6820

Conversions

Conversions Part 2

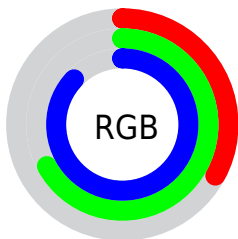
Format	Color
RYB	85, 138, 221
Decimal	5614557
CIELab	66.73, -11.10, -33.01
CIELCh	67, 34.823, 251.414
Yxy	36.2776, 0.2218, 0.2566
Android (android.graphics.Color)	4283804637 (0xFF55ABDD)
YUV	150.9860, 34.5169, -57.8697
Hunter-Lab	60.2309, -12.4645, -30.4423

Details

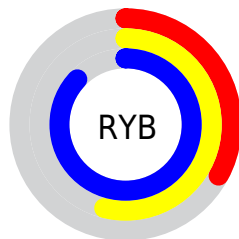
The Hex color **55ABDD** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DD8755**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **91E2FF**, and **0077A6** is the 20% darker color. If you saturate the color by 10%, you get **3FA3DD**, and if you desaturate by 10%, it is **6BB3DD**.

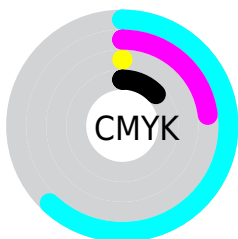
Distribution



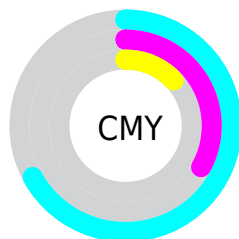
- Red (33%)
- Green (67%)
- Blue (87%)



- Red (33%)
- Yellow (54%)
- Blue (87%)



- Cyan (62%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 55ABDD

■ 55ABDD

FFFFFF

■ 3391C1

■ 91E2FF

■ 0077A6

■ AFFFFFFF

■ 005E8B

■ CDFFFF

■ 004771

■ EBFFFF

■ 003059

■ 001C41

■ 00032B

■ 000115

■ 000000

■ 55ABDD

■ 55ABDD

■ 3FA3DD

■ 6BB3DD

■ 299BDD

■ 81BBDD

■ 1393DD

■ 97C3DD

■ 008CDD

■ ADCBDD

■ C3D4DD

■ DADCDD

■ F0E4DD

■ FFECDD

■ FFF4DD

Harmonies

Analogous

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



2AB1CB



55ABDD



89A1DF

Triad

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



55ABDD



E08A97



89AD72

Complementary

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



55ABDD



DD8755

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.



ABA464



55ABDD



DB907A

Square

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



55ABDD



D38DB7



C89A67



62B28D

Rectangle

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



55ABDD



A89AD8



C89A67



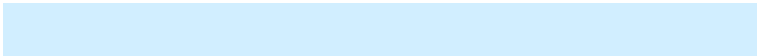
95AA6C

Sweetspot

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



55ABDD



D1EEFF



55DD87



637580



000000



808080

Same Dimension

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



55ABDD



42BAFF



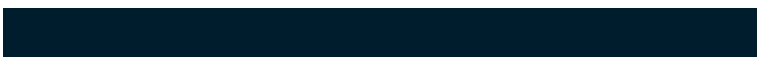
5567DD



636A6E



006EAD



001D2E

Inverse Universe

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



DD55AB



FF42BA



DDCB55



6E636A



AD006E



2E001D

Previews

White Background



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

Color Contrast Check

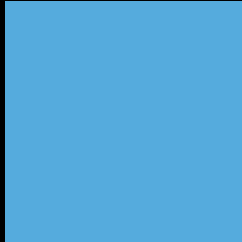
Large Text (above 18pt) WCAG AA × Fail

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 55ABDD 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

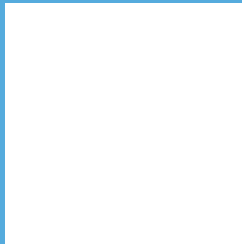
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 55ABDD Background



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

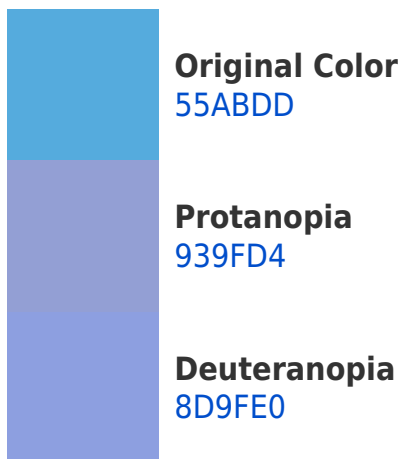


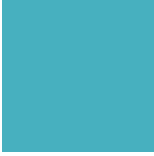
This preview shows how white text looks on a background with the Hex color 55ABDD.

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](#).

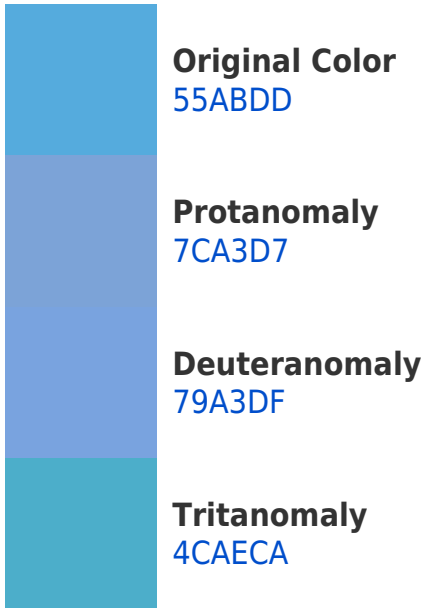
Dichromacy



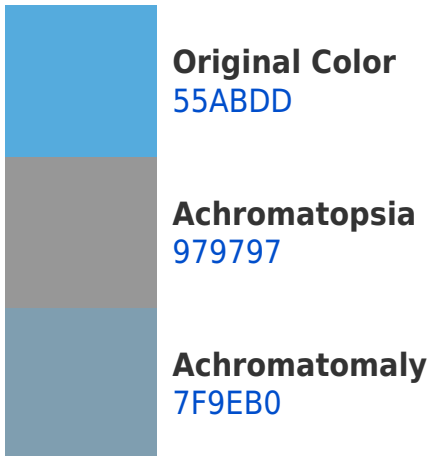


Tritanopia
47B0BF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #55ABDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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