

Converting Colors

Hex(55A8D5)

Have a look what the booklet for
Hex(55A8D5) contains.

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Color

Hex(55A8D5)

Conversions

Conversions Part 1

Format	Color
Hex	55A8D5
RGB	85, 168, 213
RGB Percent	33%, 66%, 84%
CMY	0.6667, 0.3412, 0.1647
CMYK	0.60, 0.21, 0.00, 0.16
HSL	201°, 60%, 58%
HSV	201°, 60%, 84%
XYZ	29.7592, 34.7407, 68.0879
YIQ	148.3130, -63.9130, -3.6010

Conversions

Conversions Part 2

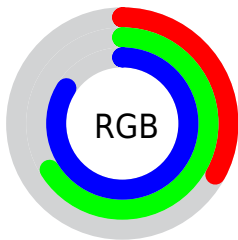
Format	Color
R _Y B	85, 135, 213
Decimal	5613781
CIE Lab	65.55, -11.97, -30.43
CIE LCh	66, 32.702, 248.522
Yxy	34.7407, 0.2244, 0.2620
Android (android.graphics.Color)	4283803861 (0xFF55A8D5)
YUV	148.3130, 31.8907, -55.5255
Hunter-Lab	58.9412, -13.0231, -27.2320

Details

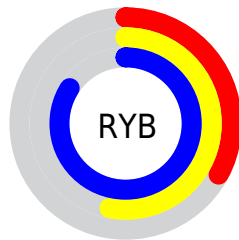
The Hex color **55A8D5** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D58255**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **91DFFF**, and **00749E** is the 20% darker color. If you saturate the color by 10%, you get **40A1D5**, and if you desaturate by 10%, it is **6AAFD5**.

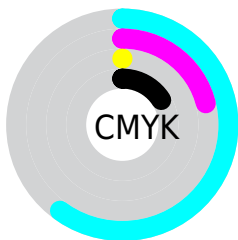
Distribution



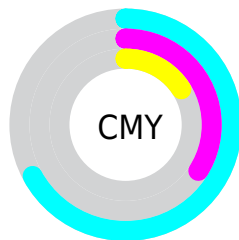
- Red (33%)
- Green (66%)
- Blue (84%)



- Red (33%)
- Yellow (53%)
- Blue (84%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A8D5 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 55A8D5 by changing the saturation by 10% instead.

■ 55A8D5

■ 55A8D5

FFFFFF

■ 348EB9

■ 91DFFF

■ 00749E

■ AEFCFF

■ 005B84

■ CBFFFF

■ 00446A

■ E9FFFF

■ 002E52

■ 001A3B

■ 000225

■ 00010D

■ 000000

■ 55A8D5

■ 55A8D5

■ 40A1D5

■ 6AAFD5

■ 2A99D5

■ 80B7D5

■ 1592D5

■ 95BED5

■ 008AD5

■ AAC6D5

■ C0CDD5

■ D5D5D5

■ EADCD5

■ FFE4D5

■ FFEBD5

Harmonies

Analogous

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



35ADC3



55A8D5



849FD9

Triad

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



55A8D5



D88998



8BA870

Complementary

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



55A8D5



D58255

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.



ABA065



55A8D5



D68D7C

Square

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



55A8D5



CB8CB5



C59669



68AD89

Rectangle

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



55A8D5



A198D3



C59669



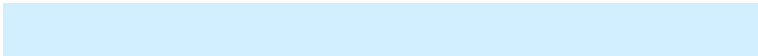
96A66B

Sweetspot

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



55A8D5



D1EFFF



55D582



637680



000000



808080

Same Dimension

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



55A8D5



47BEFF



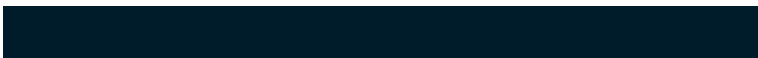
5568D5



60676B



006FAB



001C2B

Inverse Universe

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



D555A8



FF47BE



D5C255



6B6067



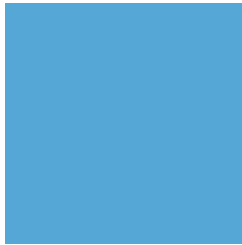
AB006F



2B001C

Previews

White Background



This preview shows how the Hex color 55A8D5 looks on a white background.

Color Contrast Check

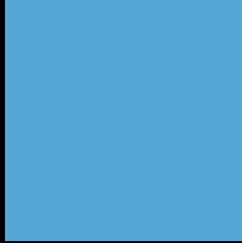
Large Text (above 18pt) WCAG AA × Fail

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 55A8D5 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

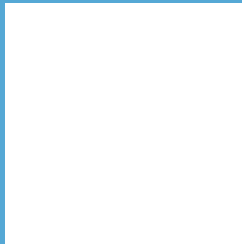
Any Text WCAG AAA ✓ Pass

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

Hex 55A8D5 Background



This preview shows how black text looks on a background with the Hex color 55A8D5.

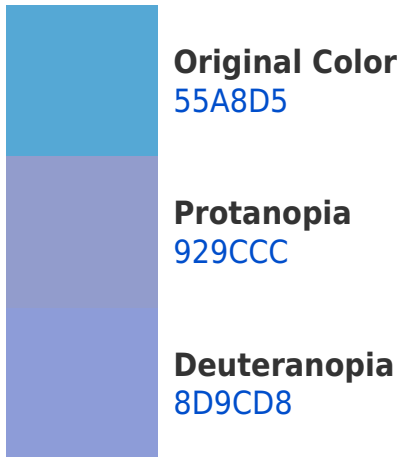


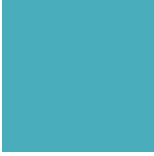
This preview shows how white text looks on a background with the Hex color 55A8D5.

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](#).

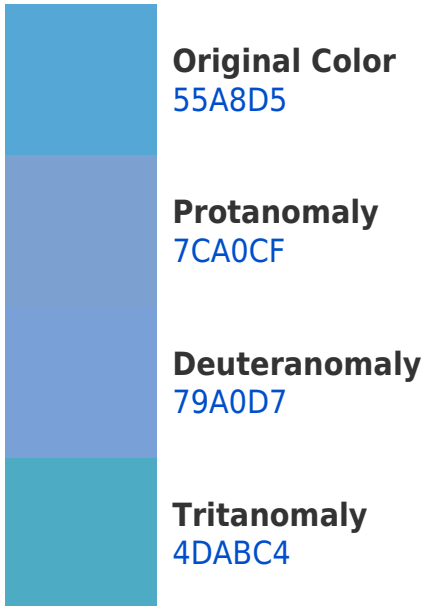
Dichromacy



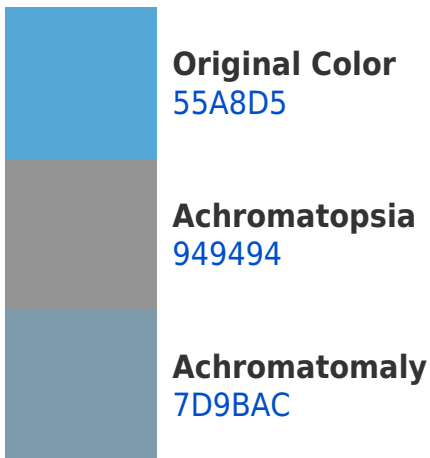


Tritanopia
49ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A8D5 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 #55A8D5 looks like.

```
.text, #text, p{  
    color:#55A8D5  
}
```

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 #55A8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A8D5  
}
```

Border

The CSS property to change the border of an element to Hex 55A8D5 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  
#55A8D5 }
```

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

```
.border{ border-color:#55A8D5 }
```

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

Here you see how a box with a 4 pixel #55A8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A8D5; -webkit-box-shadow:4px 4px  
4px 4px #55A8D5; box-shadow:4px 4px 4px  
4px #55A8D5 }
```

Background

The CSS property to change the background color of an element to Hex 55A8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A8D5 }
```

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

```
.background{ background-color:#55A8D5 }
```

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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