

Converting Colors

Hex(55A8C5)

Have a look what the booklet for
Hex(55A8C5) contains.

Hex(55A8C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(55A8C5)

Conversions

Conversions Part 1

Format	Color
Hex	55A8C5
RGB	85, 168, 197
RGB Percent	33%, 66%, 77%
CMY	0.6667, 0.3412, 0.2275
CMYK	0.57, 0.15, 0.00, 0.23
HSL	196°, 49%, 55%
HSV	196°, 57%, 77%
XYZ	27.8270, 33.9678, 57.9131
YIQ	146.4890, -58.7770, -8.5770

Conversions

Conversions Part 2

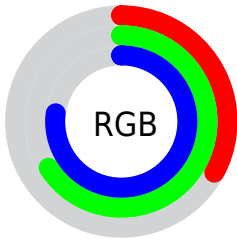
Format	Color
RYB	85, 133, 197
Decimal	5613765
CIELab	64.94, -16.86, -22.50
CIElCh	65, 28.115, 233.152
Yxy	33.9678, 0.2325, 0.2838
Android (android.graphics.Color)	4283803845 (0xFF55A8C5)
YUV	146.4890, 24.9019, -53.9259
Hunter-Lab	58.2819, -16.7675, -18.1175

Details

The Hex color **55A8C5** 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 **C57255**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8FDFFE**, and **07748F** is the 20% darker color. If you saturate the color by 10%, you get **41A3C5**, and if you desaturate by 10%, it is **69ADC5**.

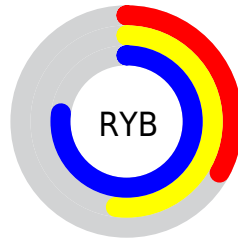
Distribution



Red (33%)

Green (66%)

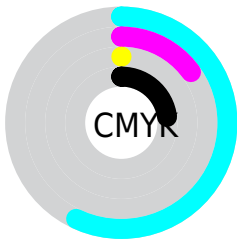
Blue (77%)



Red (33%)

Yellow (52%)

Blue (77%)

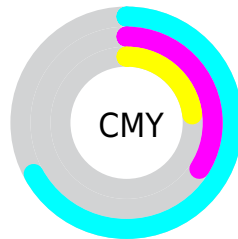


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (67%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A8C5 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 55A8C5 by changing the saturation by 10% instead.

 55A8C5

 55A8C5

FFFFFF

 368EAA

 8FDFFE

 07748F

 ACFCFF

 005B75

 C9FFFF

 00445D

 E7FFFF

 002D45

 001A2F

 00011A

 000000

 55A8C5

 55A8C5

41A3C5

69ADC5

2E9EC5

7CB2C5

1A99C5

90B7C5

0694C5

A4BCC5

0092C5

B8C2C5

CBC7C5

DFCCC5

F3D1C5

FFD6C5

Harmonies

Analogous

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



4EABB0



55A8C5



74A2CF

Triad

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



55A8C5



CB8BA4



9BA26F

Complementary

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



55A8C5



C57255

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.



B59A6C



55A8C5



D08C8B

Square

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



55A8C5



B891BC



C89276



7EA87F

Rectangle

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



55A8C5



8D9CCE



C89276



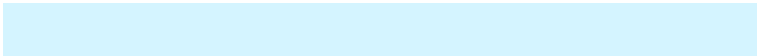
A4A06C

Sweetspot

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



55A8C5



D4F4FF



55C571



667980



000000



808080

Same Dimension

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



55A8C5



52D2FF



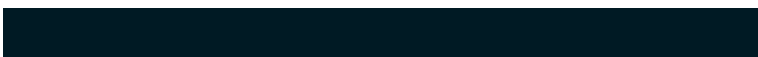
5571C5



5A6163



0079A3



001A24

Inverse Universe

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



C555A8



FF52D2



C5A955



635A61



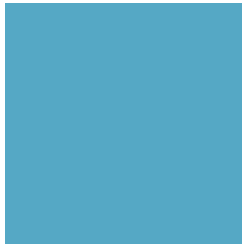
A30079



24001A

Previews

White Background



This preview shows how the Hex color 55A8C5 looks on a white background.

Color Contrast Check

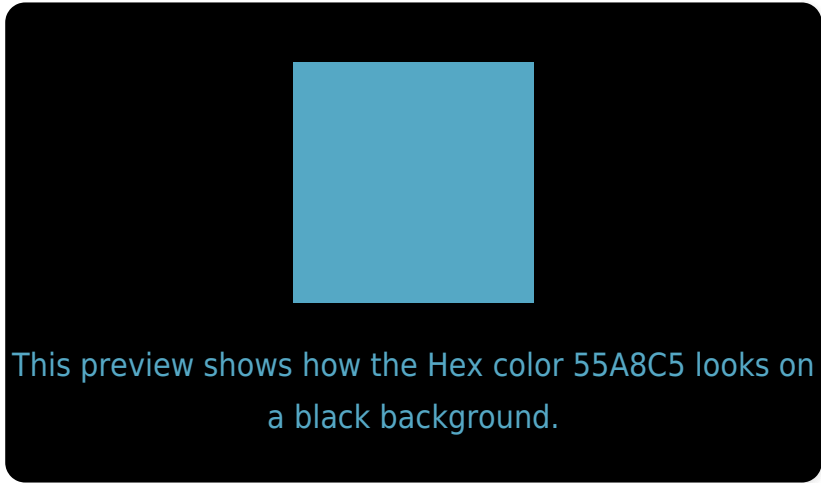
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

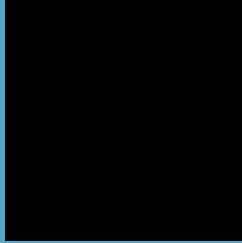
Any Text WCAG AA ✓ Pass

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 55A8C5 Background



This preview shows how black text looks on a background with the Hex color 55A8C5.

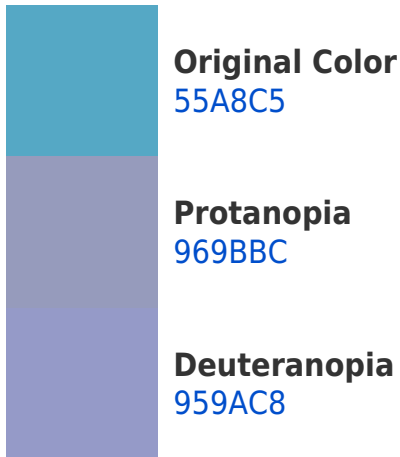


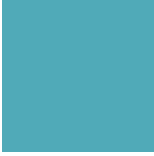
This preview shows how white text looks on a background with the Hex color 55A8C5.

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](#).

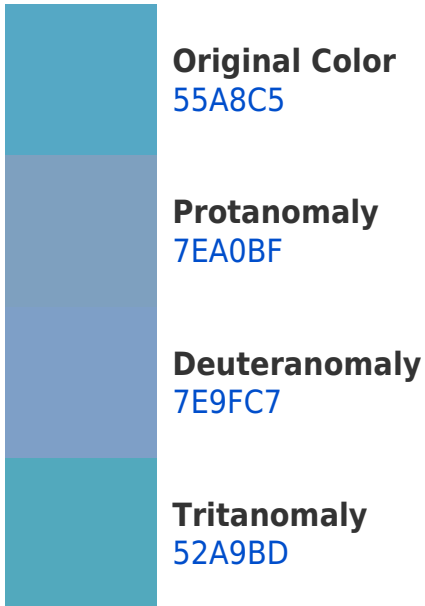
Dichromacy



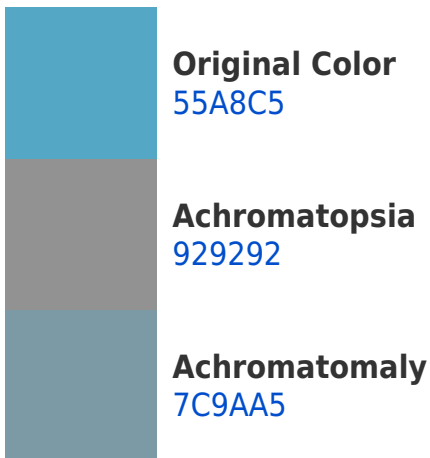


Tritanopia
50AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A8C5 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 #55A8C5 looks like.

```
.text, #text, p{  
    color:#55A8C5  
}
```

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 #55A8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A8C5
}
```

Border

The CSS property to change the border of an element to Hex 55A8C5 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
#55A8C5 }
```

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

```
.border{ border-color:#55A8C5 }
```

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

Here you see how a box with a 4 pixel #55A8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A8C5; -webkit-box-shadow:4px 4px  
4px 4px #55A8C5; box-shadow:4px 4px 4px  
4px #55A8C5 }
```

Background

The CSS property to change the background color of an element to Hex 55A8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A8C5 }
```

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

```
.background{ background-color:#55A8C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor