

Converting Colors

Hex(5AA3CC)

Have a look what the booklet for
Hex(5AA3CC) contains.

Hex(5AA3CC)	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(5AA3CC)

Conversions

Conversions Part 1

Format	Color
Hex	5AA3CC
RGB	90, 163, 204
RGB Percent	35%, 64%, 80%
CMY	0.6471, 0.3608, 0.2000
CMYK	0.56, 0.20, 0.00, 0.20
HSL	202°, 53%, 58%
HSV	202°, 56%, 80%
XYZ	28.2127, 32.7277, 61.9568
YIQ	145.8470, -56.6690, -2.7250

Conversions

Conversions Part 2

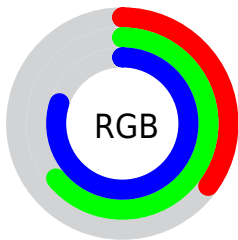
Format	Color
R _Y B	90, 135, 204
Decimal	5940172
CIE Lab	63.94, -11.04, -27.90
CIE LCh	64, 30.007, 248.423
Yxy	32.7277, 0.2296, 0.2663
Android (android.graphics.Color)	4284130252 (0xFF5AA3CC)
YUV	145.8470, 28.6694, -48.9778
Hunter-Lab	57.2081, -12.0852, -24.1659

Details

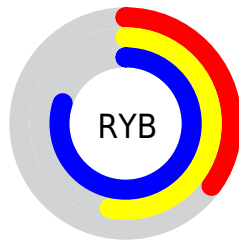
The Hex color **5AA3CC** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CC835A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **94DAFF**, and **156F96** is the 20% darker color. If you saturate the color by 10%, you get **469CCC**, and if you desaturate by 10%, it is **6EAACC**.

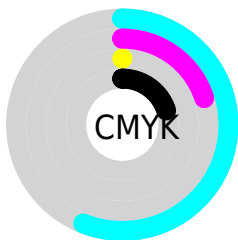
Distribution



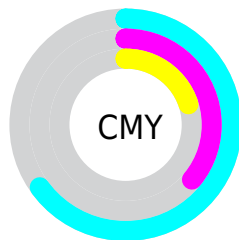
- Red (35%)
- Green (64%)
- Blue (80%)



- Red (35%)
- Yellow (53%)
- Blue (80%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA3CC 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 5AA3CC by changing the saturation by 10% instead.

■ 5AA3CC

■ 5AA3CC

FFFFFF

■ 3C89B0

■ 94DAFF

■ 156F96

■ B0F6FF

■ 00577C

■ CEFFFF

■ 004063

■ EBFFFF

■ 002A4B

■ 001634

■ 00021E

■ 000001

■ 000000

■ 5AA3CC

■ 5AA3CC

■ 469CCC

■ 6EAACC

■ 3194CC

■ 83B2CC

■ 1D8DCC

■ 97B9CC

■ 0886CC

■ ACC0CC

■ 0083CC

■ C0C8CC

■ D4CFCC

■ E9D6CC

■ FDDECC

■ FFE5CC

Harmonies

Analogous

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



41A8BB



5AA3CC



829BD0

Triad

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



5AA3CC



CF8794



89A370

Complementary

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



5AA3CC



CC835A

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.



A69C66



5AA3CC



CD8A7B

Square

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



5AA3CC



C389AF



BE936A



69A886

Rectangle

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



5AA3CC



9D95CA



BE936A



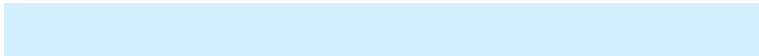
93A16B

Sweetspot

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



5AA3CC



D4EFFF



5ACC82



667680



000000



808080

Same Dimension

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



5AA3CC



54C2FF



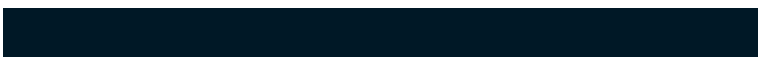
5A6BCC



5C6266



006AA6



001826

Inverse Universe

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



CC5AA3



FF54C2



CCBB5A



665C62



A6006A



260018

Previews

White Background



This preview shows how the Hex color 5AA3CC looks on a white background.

Color Contrast Check

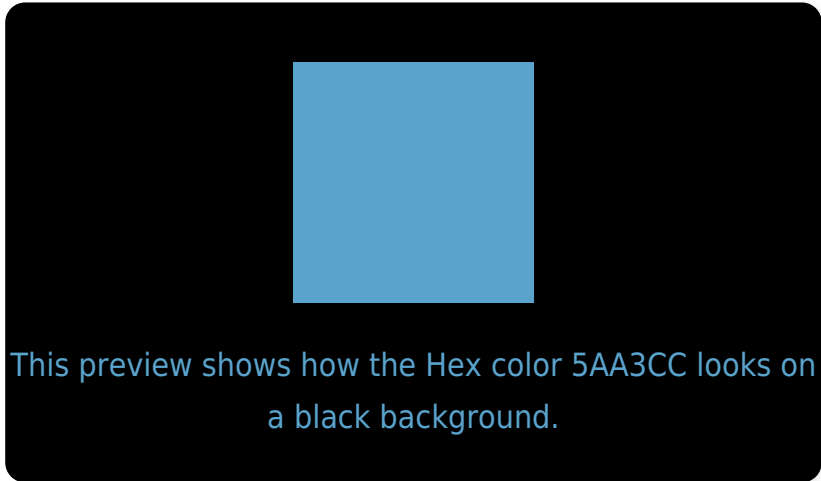
Large Text (above 18pt) WCAG AA × Fail

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 5AA3CC Background



This preview shows how black text looks on a background with the Hex color 5AA3CC.

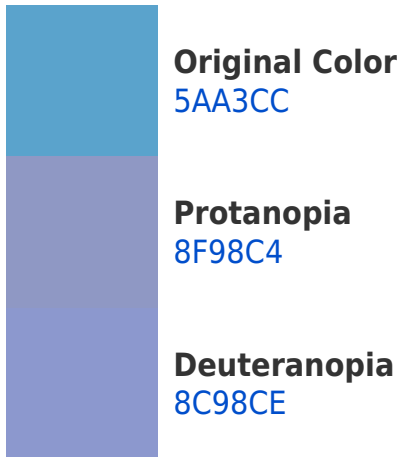


This preview shows how white text looks on a background with the Hex color 5AA3CC.

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](#).

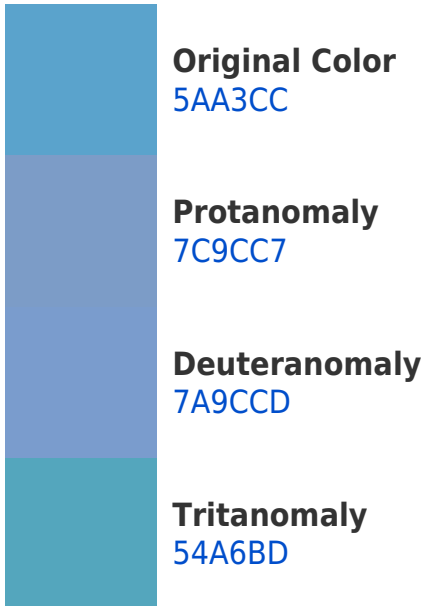
Dichromacy



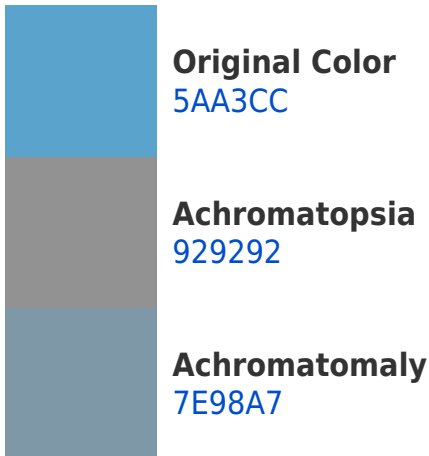


Tritanopia
51A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA3CC 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 #5AA3CC looks like.

```
.text, #text, p{  
    color:#5AA3CC  
}
```

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 #5AA3CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA3CC
}
```

Border

The CSS property to change the border of an element to Hex 5AA3CC 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
#5AA3CC }
```

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

```
.border{ border-color:#5AA3CC }
```

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

Here you see how a box with a 4 pixel #5AA3CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA3CC; -webkit-box-shadow:4px 4px  
4px 4px #5AA3CC; box-shadow:4px 4px 4px  
4px #5AA3CC }
```

Background

The CSS property to change the background color of an element to Hex 5AA3CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA3CC }
```

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

```
.background{ background-color:#5AA3CC }
```

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