

Converting Colors

Hex(5AA8C7)

Have a look what the booklet for
Hex(5AA8C7) contains.

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Color

Hex(5AA8C7)

Conversions

Conversions Part 1

Format	Color
Hex	5AA8C7
RGB	90, 168, 199
RGB Percent	35%, 66%, 78%
CMY	0.6471, 0.3412, 0.2196
CMYK	0.55, 0.16, 0.00, 0.22
HSL	197°, 49%, 57%
HSV	197°, 55%, 78%
XYZ	28.5279, 34.3024, 59.1503
YIQ	148.2120, -56.4390, -6.8950

Conversions

Conversions Part 2

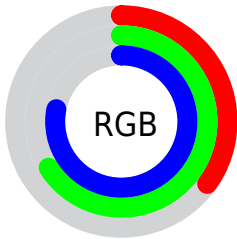
Format	Color
R_{YB}	90, 135, 199
Decimal	5941447
CIE _{Lab}	65.20, -15.24, -23.19
CIE _{LCh}	65, 27.746, 236.689
Yxy	34.3024, 0.2339, 0.2812
Android (android.graphics.Color)	4284131527 (0xFF5AA8C7)
YUV	148.2120, 25.0385, -51.0519
Hunter-Lab	58.5683, -15.5494, -18.8814

Details

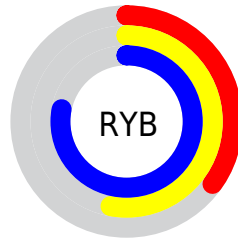
The Hex color **5AA8C7** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C7795A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **93DFFF**, and **167491** is the 20% darker color. If you saturate the color by 10%, you get **46A2C7**, and if you desaturate by 10%, it is **6EAEC7**.

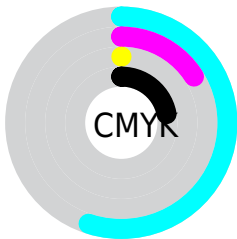
Distribution



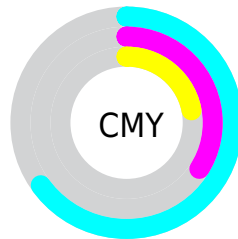
- Red (35%)
- Green (66%)
- Blue (78%)



- Red (35%)
- Yellow (53%)
- Blue (78%)



- Cyan (55%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA8C7 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 5AA8C7 by changing the saturation by 10% instead.

■ 5AA8C7

■ 5AA8C7

FFFFFF

■ 3C8EAC

■ 93DFFF

■ 167491

■ B0FCFF

■ 005B77

■ CDFFFF

■ 00445E

■ EBFFFF

■ 002D47

■ 001A30

■ 00011B

■ 000000

■ 5AA8C7

■ 5AA8C7

46A2C7

6EAEC7

329DC7

82B3C7

1E97C7

96B9C7

0A91C7

AABFC7

008EC7

BEC4C7

D1CAC7

E5D0C7

F9D5C7

FFDBC7

Harmonies

Analogous

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



50ACB4



5AA8C7



7AA1CF

Triad

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



5AA8C7



CD8CA2



99A471

Complementary

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



5AA8C7



C7795A

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.



B29C6D



5AA8C7



D08D89

Square

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



5AA8C7



BB91BA



C69376



7CA982

Rectangle

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



5AA8C7



929CCE



C69376



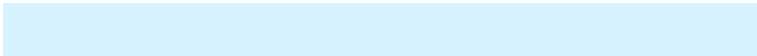
A2A16E

Sweetspot

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



5AA8C7



D6F3FF



5AC779



677980



000000



808080

Same Dimension

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



5AA8C7



57CFFF



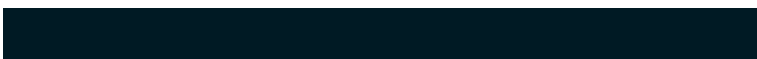
5A72C7



5A6163



0075A3



001A24

Inverse Universe

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



C75AA8



FF57CF



C7AF5A



635A61



A30075



24001A

Previews

White Background



This preview shows how the Hex color 5AA8C7 looks on a white background.

Color Contrast Check

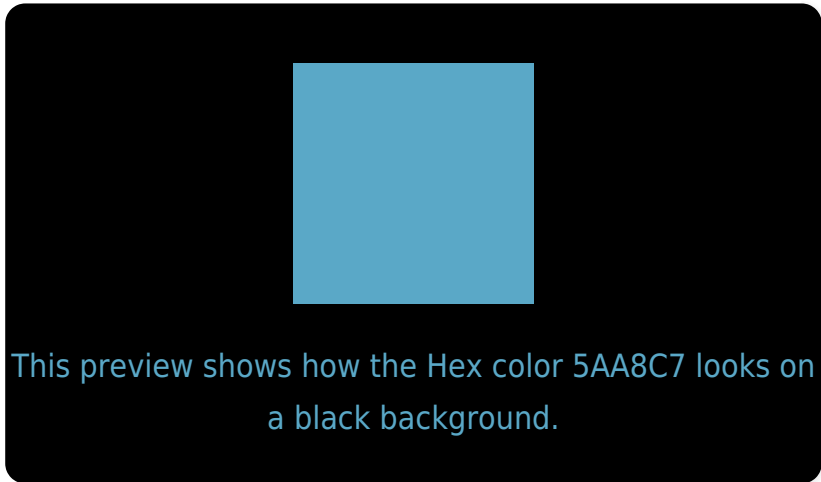
Large Text (above 18pt) WCAG AA × Fail

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

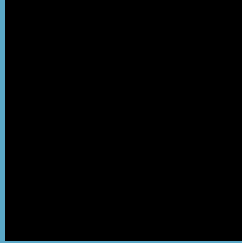
Any Text WCAG AA ✓ Pass

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 5AA8C7 Background



This preview shows how black text looks on a background with the Hex color 5AA8C7.

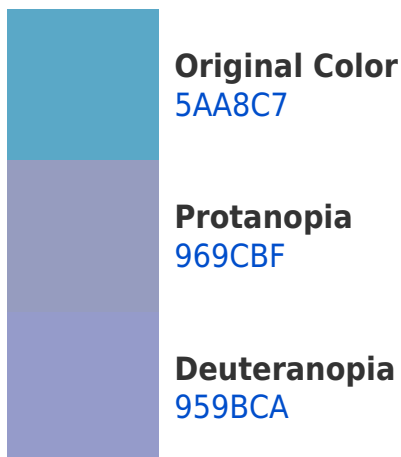


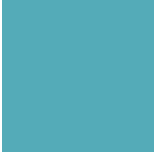
This preview shows how white text looks on a background with the Hex color 5AA8C7.

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](#).

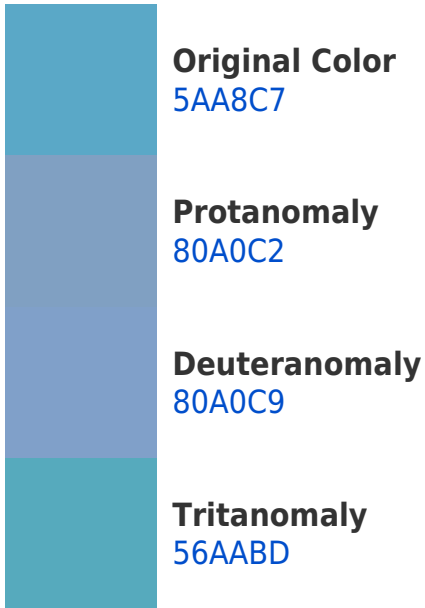
Dichromacy



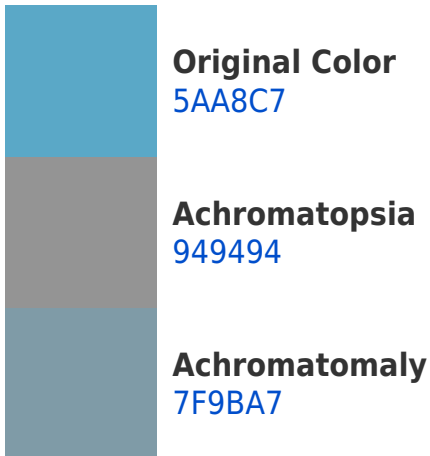


Tritanopia
54ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA8C7 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 #5AA8C7 looks like.

```
.text, #text, p{  
    color:#5AA8C7  
}
```

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 #5AA8C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA8C7
}
```

Border

The CSS property to change the border of an element to Hex 5AA8C7 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
#5AA8C7 }
```

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

```
.border{ border-color:#5AA8C7 }
```

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

Here you see how a box with a 4 pixel #5AA8C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA8C7; -webkit-box-shadow:4px 4px  
4px 4px #5AA8C7; box-shadow:4px 4px 4px  
4px #5AA8C7 }
```

Background

The CSS property to change the background color of an element to Hex 5AA8C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA8C7 }
```

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

```
.background{ background-color:#5AA8C7 }
```

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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