

Converting Colors

Hex(5AA4C8)

Have a look what the booklet for
Hex(5AA4C8) contains.

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Color

Hex(5AA4C8)

Conversions

Conversions Part 1

Format	Color
Hex	5AA4C8
RGB	90, 164, 200
RGB Percent	35%, 64%, 78%
CMY	0.6471, 0.3569, 0.2157
CMYK	0.55, 0.18, 0.00, 0.22
HSL	200°, 50%, 57%
HSV	200°, 55%, 78%
XYZ	27.9172, 32.8947, 59.5215
YIQ	145.9780, -55.6600, -4.4920

Conversions

Conversions Part 2

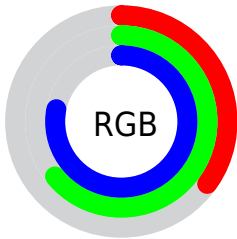
Format	Color
RYB	90, 134, 200
Decimal	5940424
CIELab	64.08, -12.79, -25.47
CIELCh	64, 28.501, 243.338
Yxy	32.8947, 0.2320, 0.2734
Android (android.graphics.Color)	4284130504 (0xFF5AA4C8)
YUV	145.9780, 26.6328, -49.0927
Hunter-Lab	57.3539, -13.4838, -21.3830

Details

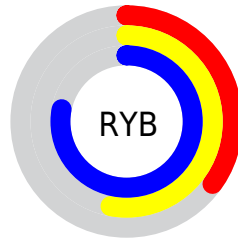
The Hex color **5AA4C8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C87E5A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **93DBFF**, and **167092** is the 20% darker color. If you saturate the color by 10%, you get **469DC8**, and if you desaturate by 10%, it is **6EABC8**.

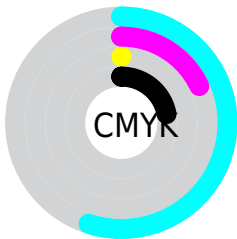
Distribution



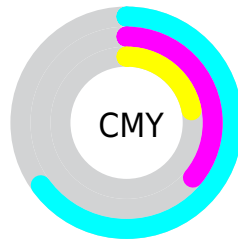
- Red (35%)
- Green (64%)
- Blue (78%)



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



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA4C8 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 5AA4C8 by changing the saturation by 10% instead.

■ 5AA4C8

■ 5AA4C8

FFFFFF

■ 3C8AAD

■ 93DBFF

■ 167092

■ B0F7FF

■ 005878

■ CDFFFF

■ 00405F

■ EBFFFF

■ 002A47

■ 001731

■ 00011C

■ 000000

■ 5AA4C8

■ 5AA4C8

■ 469DC8

■ 6EABC8

■ 3297C8

■ 82B1C8

■ 1E90C8

■ 96B8C8

■ 0A8AC8

■ AABEC8

■ 0087C8

■ BEC5C8

■ D2CBC8

■ E6D2C8

■ FAD8C8

■ FFDFC8

Harmonies

Analogous

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



48A8B6



5AA4C8



7E9DCE

Triad

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



5AA4C8



CC8899



8FA270

Complementary

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



5AA4C8



C87E5A

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.



AA9B68



5AA4C8



CD8B81

Square

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



5AA4C8



BE8CB3



C0926F



71A784

Rectangle

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



5AA4C8



9797CA



C0926F



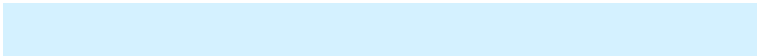
98A06C

Sweetspot

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



5AA4C8



D4F1FF



5AC87D



667780



000000



808080

Same Dimension

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



5AA4C8



57C8FF



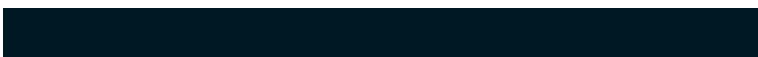
5A6EC8



5A6063



006EA3



001824

Inverse Universe

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



C85AA4



FF57C8



C8B45A



635A60



A3006E



240018

Previews

White Background



This preview shows how the Hex color 5AA4C8 looks on a white background.

Color Contrast Check

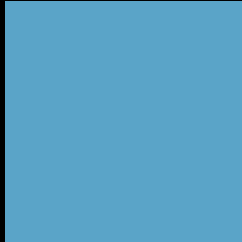
Large Text (above 18pt) WCAG AA × Fail

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 5AA4C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

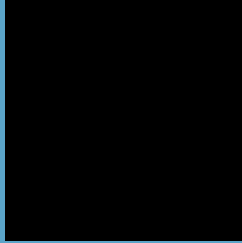
Any Text WCAG AA ✓ Pass

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 5AA4C8 Background



This preview shows how black text looks on a background with the Hex color 5AA4C8.



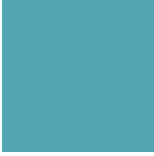
This preview shows how white text looks on a background with the Hex color 5AA4C8.

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](#).

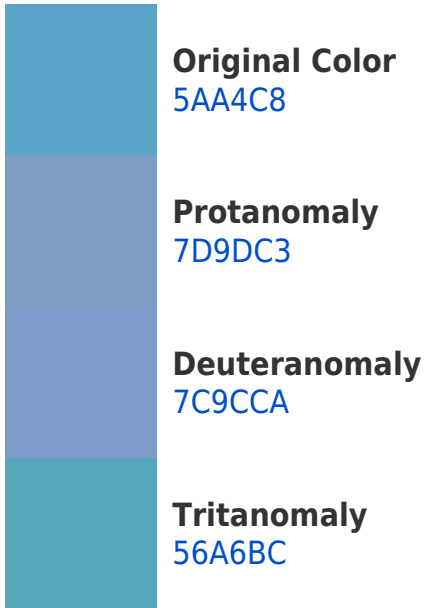
Dichromacy



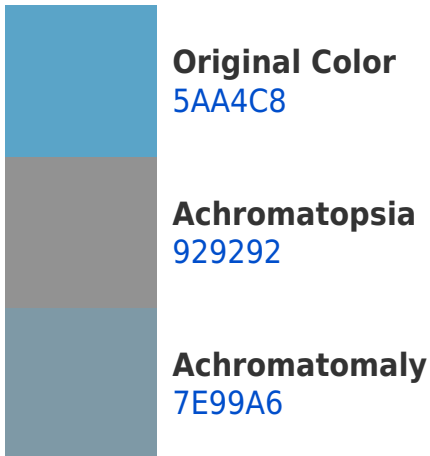


Tritanopia
53A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA4C8 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 #5AA4C8 looks like.

```
.text, #text, p{  
    color:#5AA4C8  
}
```

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 #5AA4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA4C8
}
```

Border

The CSS property to change the border of an element to Hex 5AA4C8 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
#5AA4C8 }
```

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

```
.border{ border-color:#5AA4C8 }
```

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

Here you see how a box with a 4 pixel #5AA4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA4C8; -webkit-box-shadow:4px 4px  
4px 4px #5AA4C8; box-shadow:4px 4px 4px  
4px #5AA4C8 }
```

Background

The CSS property to change the background color of an element to Hex 5AA4C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA4C8 }
```

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

```
.background{ background-color:#5AA4C8 }
```

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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