

Converting Colors

Hex(5A93C0)

Have a look what the booklet for
Hex(5A93C0) contains.

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Color

Hex(5A93C0)

Conversions

Conversions Part 1

Format	Color
Hex	5A93C0
RGB	90, 147, 192
RGB Percent	35%, 58%, 75%
CMY	0.6471, 0.4235, 0.2471
CMYK	0.53, 0.23, 0.00, 0.25
HSL	206°, 45%, 55%
HSV	206°, 53%, 75%
XYZ	24.1646, 26.8469, 53.7775
YIQ	135.0870, -48.4170, 1.9110

Conversions

Conversions Part 2

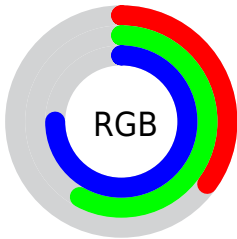
Format	Color
R _Y B	90, 127, 192
Decimal	5936064
CIE Lab	58.83, -5.80, -29.07
CIE LCh	59, 29.644, 258.712
Yxy	26.8469, 0.2306, 0.2562
Android (android.graphics.Color)	4284126144 (0xFF5A93C0)
YUV	135.0870, 28.0581, -39.5413
Hunter-Lab	51.8140, -7.4270, -25.2671

Details

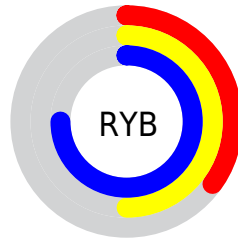
The Hex color **5A93C0** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C0875A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **92C9F9**, and **1C618A** is the 20% darker color. If you saturate the color by 10%, you get **478BC0**, and if you desaturate by 10%, it is **6D9BC0**.

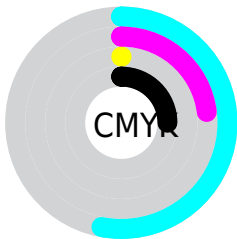
Distribution



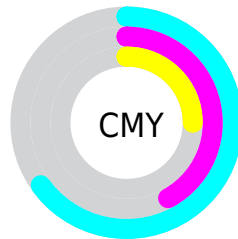
- Red (35%)
- Green (58%)
- Blue (75%)



- Red (35%)
- Yellow (50%)
- Blue (75%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A93C0 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 5A93C0 by changing the saturation by 10% instead.

■ 5A93C0

■ 5A93C0

FFFFFF

■ 3D79A5

■ 92C9F9

■ 1C618A

■ AEE5FF

■ 004971

■ CBFFFF

■ 003358

■ E8FFFF

■ 001E40

■ 00032A

■ 000115

■ 000000

■ 5A93C0

■ 5A93C0

■ 478BC0

■ 6D9BC0

■ 3482C0

■ 80A4C0

■ 207AC0

■ 94ACC0

■ 0D71C0

■ A7B5C0

■ 006BC0

■ BABDC0

■ CDC6C0

■ E0CEC0

■ F4D7C0

■ FFD7C0

Harmonies

Analogous

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



3799B4



5A93C0



838ABF

Triad

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



5A93C0



C17A7E



71976A

Complementary

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



5A93C0



C0875A

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.



8F915C



5A93C0



BA8068

Square

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



5A93C0



BA7B98



A8895B



519B82

Rectangle

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



5A93C0



9B84B6



A8895B



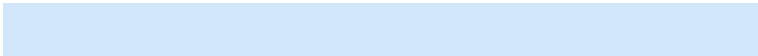
7B9664

Sweetspot

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



5A93C0



D2E8FA



5AC086



65727D



FCFCFC



7D7D7D

Same Dimension

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



5A93C0



5AB3FA



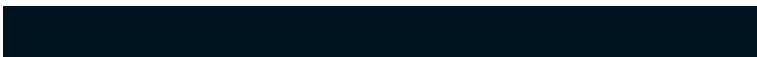
5A61C0



575D61



005AA1



001321

Inverse Universe

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



C05A93



FA5AB3



C0B95A



61575D



A1005A



210013

Previews

White Background



This preview shows how the Hex color 5A93C0 looks on a white background.

Color Contrast Check

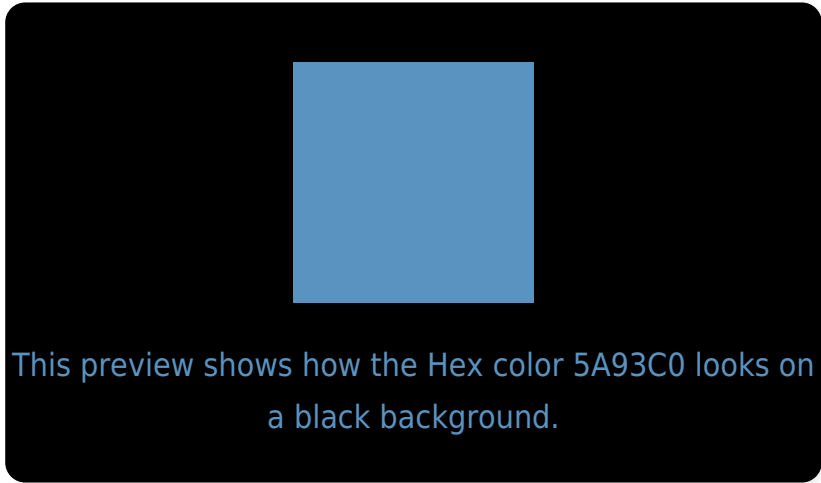
Large Text (above 18pt) WCAG AA ✓ Pass

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

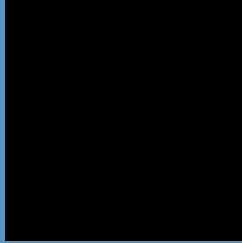
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

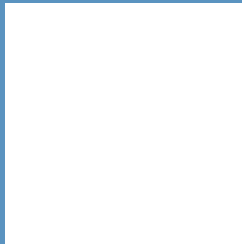
Any Text WCAG AAA × Fail

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

Hex 5A93C0 Background



This preview shows how black text looks on a background with the Hex color 5A93C0.

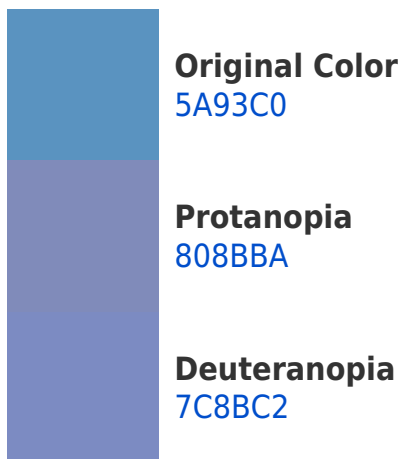


This preview shows how white text looks on a background with the Hex color 5A93C0.

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](#).

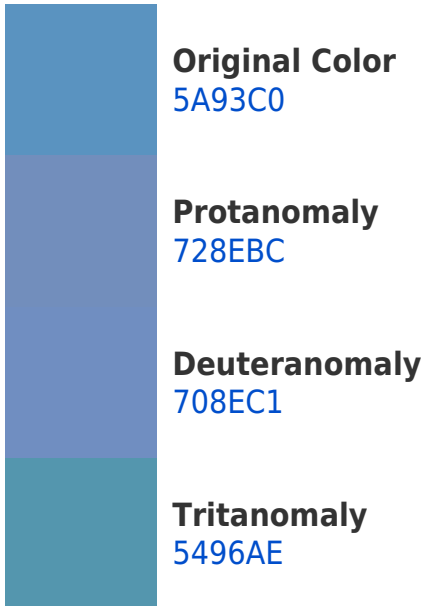
Dichromacy



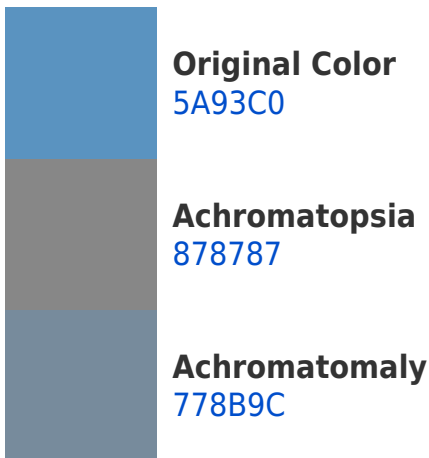


Tritanopia
5098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A93C0 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 #5A93C0 looks like.

```
.text, #text, p{  
    color:#5A93C0  
}
```

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 #5A93C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A93C0
}
```

Border

The CSS property to change the border of an element to Hex 5A93C0 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
#5A93C0 }
```

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

```
.border{ border-color:#5A93C0 }
```

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

Here you see how a box with a 4 pixel #5A93C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A93C0; -webkit-box-shadow:4px 4px  
4px 4px #5A93C0; box-shadow:4px 4px 4px  
4px #5A93C0 }
```

Background

The CSS property to change the background color of an element to Hex 5A93C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A93C0 }
```

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

```
.background{ background-color:#5A93C0 }
```

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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