

Converting Colors

Hex(5C91C4)

Have a look what the booklet for
Hex(5C91C4) contains.

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Color

Hex(5C91C4)

Conversions

Conversions Part 1

Format	Color
Hex	5C91C4
RGB	92, 145, 196
RGB Percent	36%, 57%, 77%
CMY	0.6392, 0.4314, 0.2314
CMYK	0.53, 0.26, 0.00, 0.23
HSL	209°, 47%, 56%
HSV	209°, 53%, 77%
XYZ	24.5028, 26.5116, 56.0504
YIQ	134.9670, -47.9590, 4.6250

Conversions

Conversions Part 2

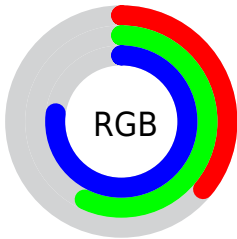
Format	Color
R_{YB}	92, 127, 196
Decimal	6066628
CIE _{Lab}	58.52, -2.98, -31.81
CIE _{LCh}	59, 31.946, 264.641
Yxy	26.5116, 0.2289, 0.2476
Android (android.graphics.Color)	4284256708 (0xFF5C91C4)
YUV	134.9670, 30.0893, -37.6821
Hunter-Lab	51.4894, -5.1618, -28.4993

Details

The Hex color **5C91C4** 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 **C48F5C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **94C7FD**, and **1E5F8E** is the 20% darker color. If you saturate the color by 10%, you get **4887C4**, and if you desaturate by 10%, it is **709BC4**.

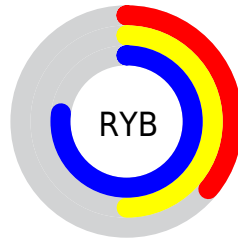
Distribution



Red (36%)

Green (57%)

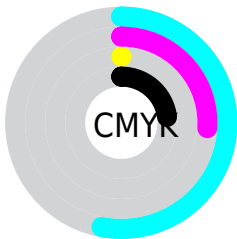
Blue (77%)



Red (36%)

Yellow (50%)

Blue (77%)

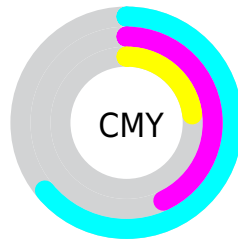


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (23%)



Cyan (64%)

Magenta (43%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C91C4 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 5C91C4 by changing the saturation by 10% instead.

■ 5C91C4

■ 5C91C4

FFFFFF

■ 3F77A9

■ 94C7FD

■ 1E5F8E

■ B1E3FF

■ 004774

■ CDFFFF

■ 00315B

■ EBFFFF

■ 001D44

■ 00032D

■ 000118

■ 000000

■ 5C91C4

■ 5C91C4

■ 4887C4

■ 709BC4

■ 357EC4

■ 83A4C4

■ 2174C4

■ 97AEC4

■ 0E6BC4

■ AAB7C4

■ 0064C4

■ BEC1C4

■ D2CBC4

■ E5D4C4

■ F9DEC4

■ FFE8C4

Harmonies

Analogous

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



2C98BA



5C91C4



8987BF

Triad

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



5C91C4



C37877



67986B

Complementary

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



5C91C4



C48F5C

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.



889259



5C91C4



B98060

Square

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



5C91C4



BF7793



A48955



439B87

Rectangle

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



5C91C4



A181B5



A48955



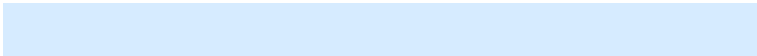
729764

Sweetspot

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



5C91C4



D6EBFF



5CC48E



677480



000000



808080

Same Dimension

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



5C91C4



5CAFFF



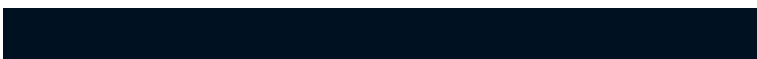
5C5EC4



575C61



0052A1



001121

Inverse Universe

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



C45C91



FF5CAF



C4C25C



61575C



A10052



210011

Previews

White Background



This preview shows how the Hex color 5C91C4 looks on a white background.

Color Contrast Check

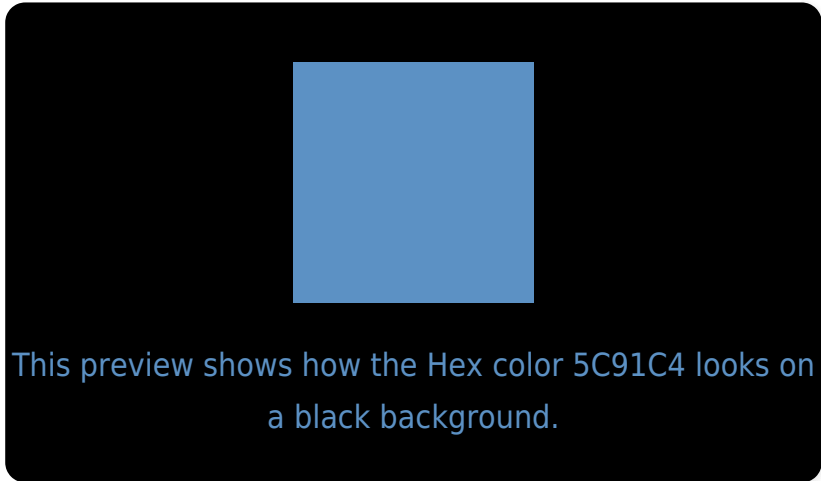
Large Text (above 18pt) WCAG AA ✓ Pass

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

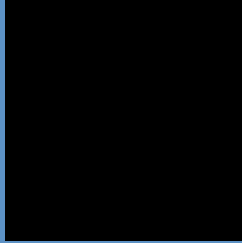
Any Text WCAG AA ✓ Pass

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 5C91C4 Background



This preview shows how black text looks on a background with the Hex color 5C91C4.

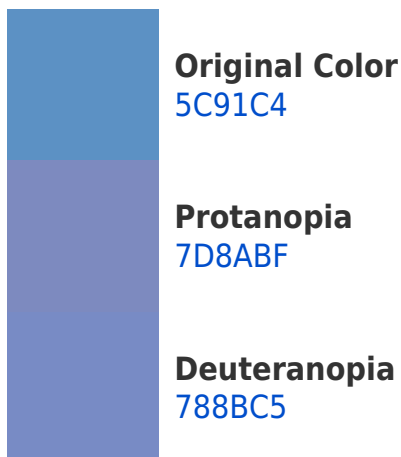


This preview shows how white text looks on a background with the Hex color 5C91C4.

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](#).

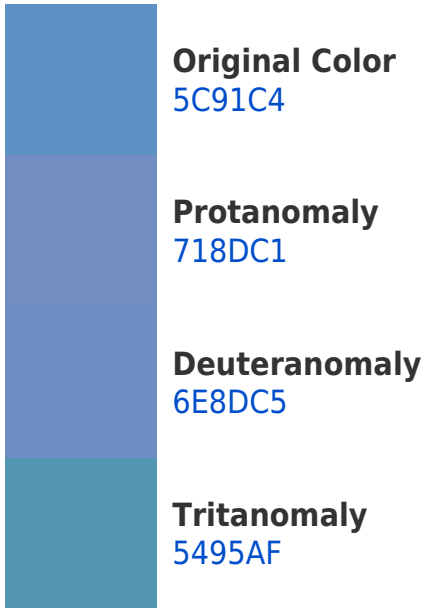
Dichromacy



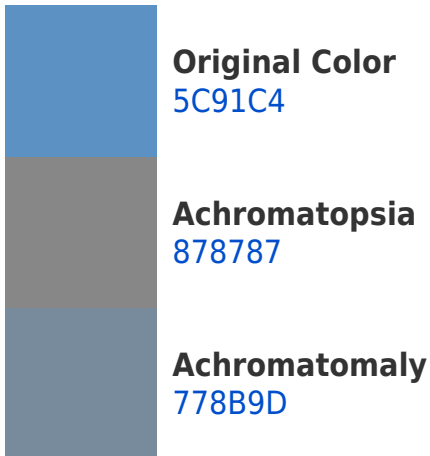


Tritanopia
5097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C91C4 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 #5C91C4 looks like.

```
.text, #text, p{  
    color:#5C91C4  
}
```

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 #5C91C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C91C4
}
```

Border

The CSS property to change the border of an element to Hex 5C91C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

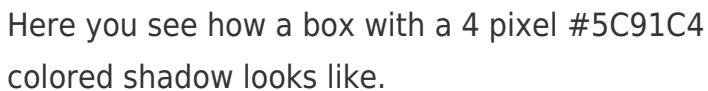
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C91C4 }
```

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

```
.border{ border-color:#5C91C4 }
```

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



Here you see how a box with a 4 pixel #5C91C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C91C4; -webkit-box-shadow:4px 4px  
4px 4px #5C91C4; box-shadow:4px 4px 4px  
4px #5C91C4 }
```

Background

The CSS property to change the background color of an element to Hex 5C91C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C91C4 }
```

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

```
.background{ background-color:#5C91C4 }
```

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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