

Converting Colors

Hex(4C91C3)

Have a look what the booklet for
Hex(4C91C3) contains.

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Color

Hex(4C91C3)

Conversions

Conversions Part 1

Format	Color
Hex	4C91C3
RGB	76, 145, 195
RGB Percent	30%, 57%, 76%
CMY	0.7020, 0.4314, 0.2353
CMYK	0.61, 0.26, 0.00, 0.24
HSL	205°, 50%, 53%
HSV	205°, 61%, 76%
XYZ	22.9562, 25.7274, 55.3857
YIQ	130.0690, -57.1740, 0.9220

Conversions

Conversions Part 2

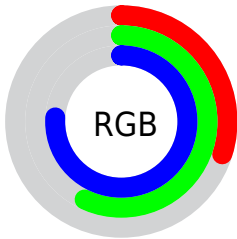
Format	Color
R_{YB}	76, 120, 195
Decimal	5018051
CIE _{Lab}	57.78, -6.63, -32.45
CIE _{LCh}	58, 33.120, 258.459
Yxy	25.7274, 0.2206, 0.2472
Android (android.graphics.Color)	4283208131 (0xFF4C91C3)
YUV	130.0690, 32.0110, -47.4185
Hunter-Lab	50.7222, -7.9771, -29.2357

Details

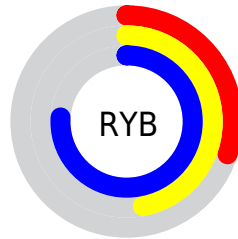
The Hex color **4C91C3** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C37E4C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **86C7FC**, and **005F8D** is the 20% darker color. If you saturate the color by 10%, you get **3989C3**, and if you desaturate by 10%, it is **6099C3**.

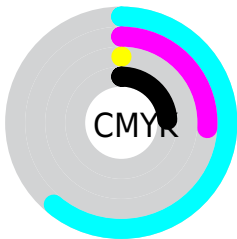
Distribution



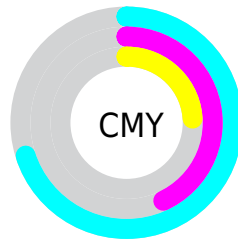
- Red (30%)
- Green (57%)
- Blue (76%)



- Red (30%)
- Yellow (47%)
- Blue (76%)



- Cyan (61%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C91C3 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 4C91C3 by changing the saturation by 10% instead.

■ 4C91C3

■ 4C91C3

FFFFFF

■ 2B77A8

■ 86C7FC

■ 005F8D

■ A3E3FF

■ 004773

■ C0FFFF

■ 00315A

■ DEFFFF

■ 001D43

■ FCFFFF

■ 00032C

■ 000117

■ 000000

■ 4C91C3

■ 4C91C3

■ 3989C3

■ 6099C3

■ 2581C3

■ 73A1C3

■ 1278C3

■ 86AAC3

■ 0071C3

■ 9AB2C3

■ AEBAC3

■ C1C2C3

■ D5CAC3

■ E8D3C3

■ FCDBC3

Harmonies

Analogous

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



1197B5



4C91C3



7E87C2

Triad

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



4C91C3



C3757A



6B9663

Complementary

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



4C91C3



C37E4C

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.



8C8F53



4C91C3



BB7B61

Square

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



4C91C3



BC7597



A88552



459A7E

Rectangle

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



4C91C3



9980B8



A88552



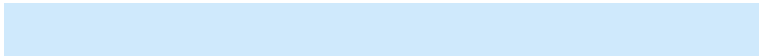
76945C

Sweetspot

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



4C91C3



CFE9FC



4CC37E



637480



000000



808080

Same Dimension

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



4C91C3



44AFFC



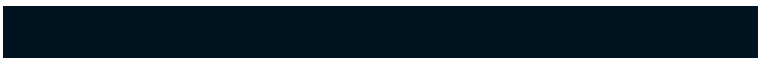
4C56C3



575D61



005DA1



001321

Inverse Universe

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



C34C91



FC44AF



C3B94C



61575D



A1005D



210013

Previews

White Background



This preview shows how the Hex color 4C91C3 looks on a white background.

Color Contrast Check

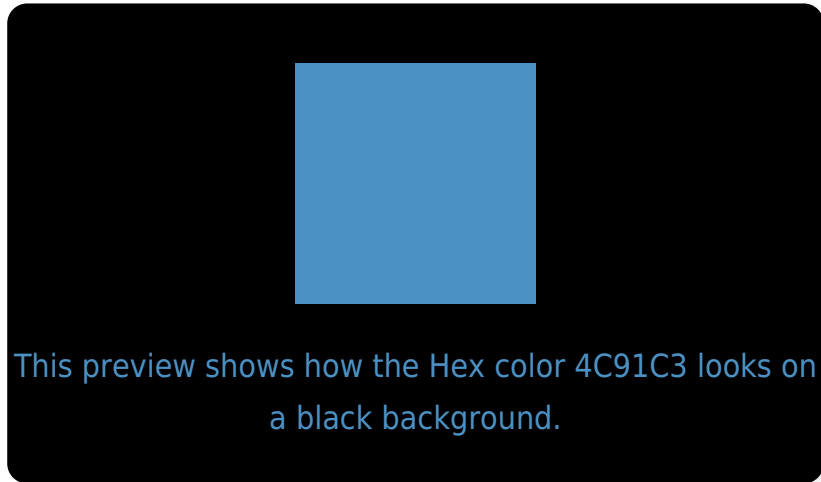
Large Text (above 18pt) WCAG AA ✓ Pass

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

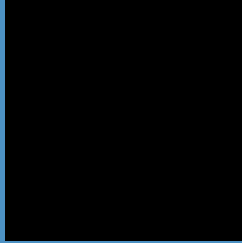
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

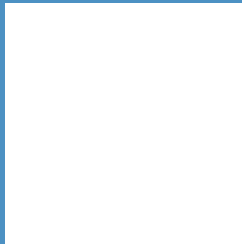
Any Text WCAG AAA × Fail

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

Hex 4C91C3 Background



This preview shows how black text looks on a background with the Hex color 4C91C3.



This preview shows how white text looks on a background with the Hex color 4C91C3.

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](#).

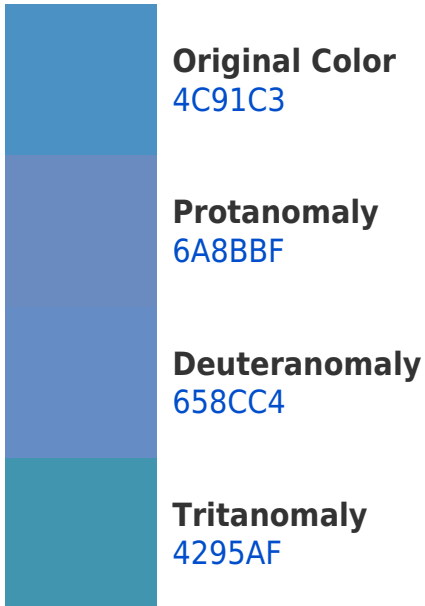
Dichromacy



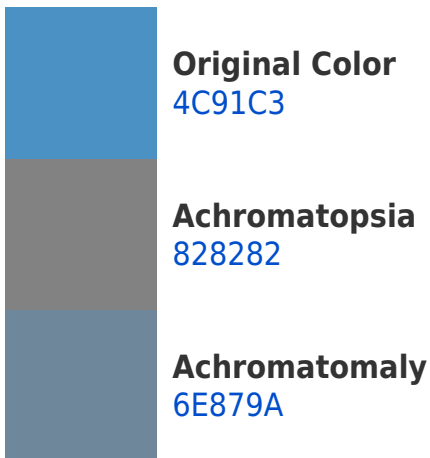


Tritanopia
3D97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C91C3 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 #4C91C3 looks like.

```
.text, #text, p{  
    color:#4C91C3  
}
```

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 #4C91C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C91C3
}
```

Border

The CSS property to change the border of an element to Hex 4C91C3 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
#4C91C3 }
```

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

```
.border{ border-color:#4C91C3 }
```

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

Here you see how a box with a 4 pixel #4C91C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C91C3; -webkit-box-shadow:4px 4px  
4px 4px #4C91C3; box-shadow:4px 4px 4px  
4px #4C91C3 }
```

Background

The CSS property to change the background color of an element to Hex 4C91C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C91C3 }
```

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

```
.background{ background-color:#4C91C3 }
```

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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