

Converting Colors

Hex(4C91D6)

Have a look what the booklet for
Hex(4C91D6) contains.

Hex(4C91D6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C91D6)

Conversions

Conversions Part 1

Format	Color
Hex	4C91D6
RGB	76, 145, 214
RGB Percent	30%, 57%, 84%
CMY	0.7020, 0.4314, 0.1608
CMYK	0.64, 0.32, 0.00, 0.16
HSL	210°, 63%, 57%
HSV	210°, 64%, 84%
XYZ	25.2435, 26.6423, 67.4303
YIQ	132.2350, -63.2730, 6.8310

Conversions

Conversions Part 2

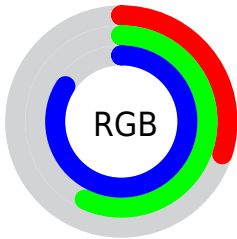
Format	Color
RYB	76, 122, 214
Decimal	5018070
CIELab	58.64, -0.34, -41.78
CIElCh	59, 41.784, 269.539
Yxy	26.6423, 0.2116, 0.2233
Android (android.graphics.Color)	4283208150 (0xFF4C91D6)
YUV	132.2350, 40.3101, -49.3181
Hunter-Lab	51.6162, -3.0310, -41.3239

Details

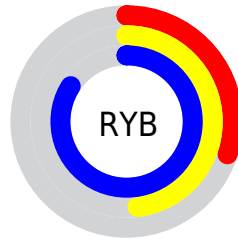
The Hex color **4C91D6** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D6914C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **89C7FF**, and **005F9F** is the 20% darker color. If you saturate the color by 10%, you get **3786D6**, and if you desaturate by 10%, it is **619CD6**.

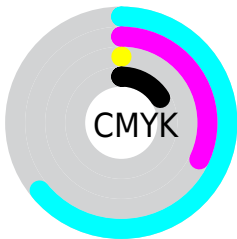
Distribution



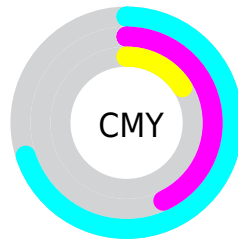
- Red (30%)
- Green (57%)
- Blue (84%)



- Red (30%)
- Yellow (48%)
- Blue (84%)



- Cyan (64%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C91D6 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 4C91D6 by changing the saturation by 10% instead.

■ 4C91D6

■ 4C91D6

FFFFFF

■ 2877BA

■ 89C7FF

■ 005F9F

■ A6E3FF

■ 004884

■ C4FFFF

■ 00326B

■ E2FFFF

■ 001D52

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 4C91D6

■ 4C91D6

■ 3786D6

■ 619CD6

■ 217CD6

■ 77A6D6

■ 0C71D6

■ 8CB1D6

■ 006BD6

■ A2BCD6

■ B7C6D6

■ CCD1D6

■ E2DCD6

■ F7E7D6

■ FFF1D6

Harmonies

Analogous

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



009ACB



4C91D6



8F84CD

Triad

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



4C91D6



D1726B



509D67

Complementary

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



4C91D6



D6914C

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.



7E964B



4C91D6



C07E4F

Square

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



4C91D6



D06F8F



A48B42



00A08B

Rectangle

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



4C91D6



AE7ABD



A48B42



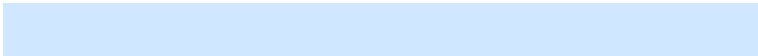
619B5C

Sweetspot

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



4C91D6



CFE7FF



4CD691



627180



000000



808080

Same Dimension

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



4C91D6



3B9DFF



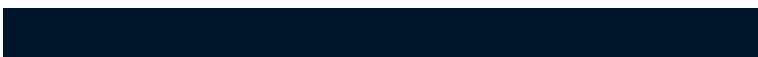
4C4CD6



60666B



0055AB



00162B

Inverse Universe

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



D64C91



FF3B9D



D6D64C



6B6066



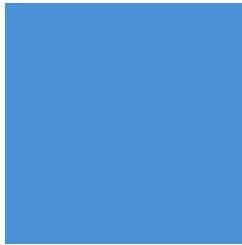
AB0055



2B0016

Previews

White Background



This preview shows how the Hex color 4C91D6 looks on a white background.

Color Contrast Check

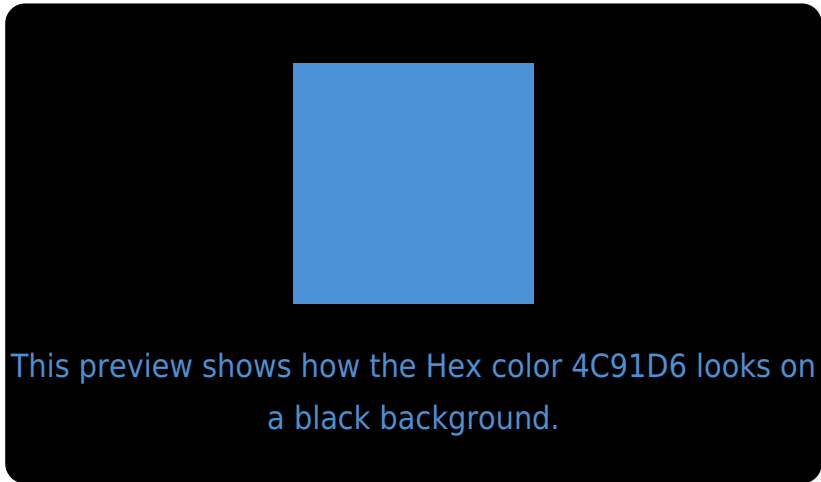
Large Text (above 18pt) WCAG AA ✓ Pass

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

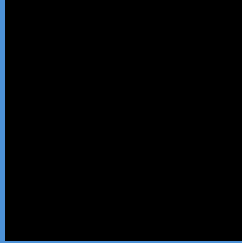
Any Text WCAG AA ✓ Pass

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 4C91D6 Background



This preview shows how black text looks on a background with the Hex color 4C91D6.

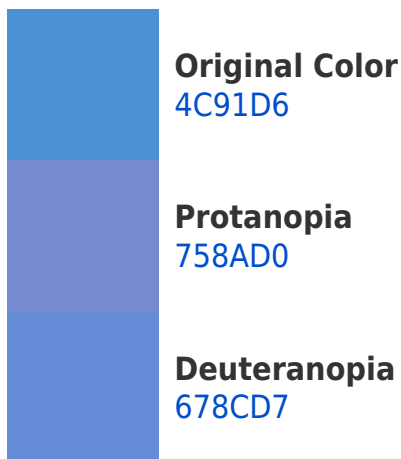


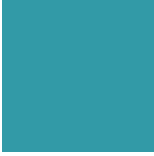
This preview shows how white text looks on a background with the Hex color 4C91D6.

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](#).

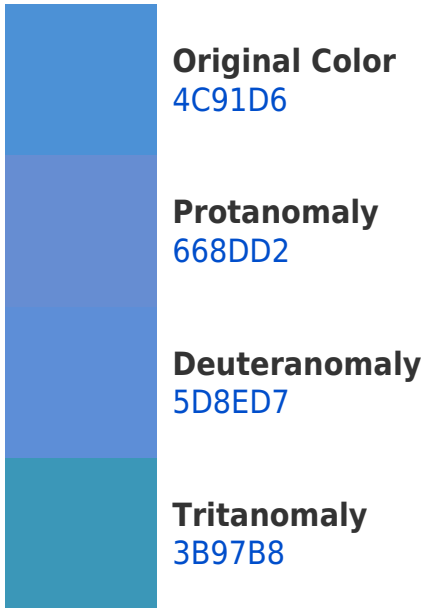
Dichromacy



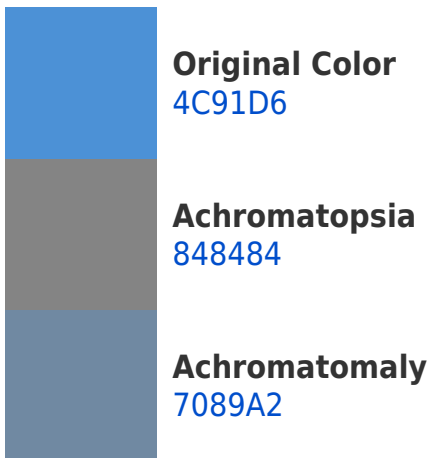


Tritanopia
329AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C91D6 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 #4C91D6 looks like.

```
.text, #text, p{  
    color:#4C91D6  
}
```

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 #4C91D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C91D6
}
```

Border

The CSS property to change the border of an element to Hex 4C91D6 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
#4C91D6 }
```

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

```
.border{ border-color:#4C91D6 }
```

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

Here you see how a box with a 4 pixel #4C91D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C91D6; -webkit-box-shadow:4px 4px  
4px 4px #4C91D6; box-shadow:4px 4px 4px  
4px #4C91D6 }
```

Background

The CSS property to change the background color of an element to Hex 4C91D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C91D6 }
```

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

```
.background{ background-color:#4C91D6 }
```

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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