

# Converting Colors

Hex(4D91CC)

Have a look what the booklet for  
Hex(4D91CC) contains.

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# Color

Hex(4D91CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D91CC
RGB	77, 145, 204
RGB Percent	30%, 57%, 80%
CMY	0.6980, 0.4314, 0.2000
CMYK	0.62, 0.29, 0.00, 0.20
HSL	208°, 55%, 55%
HSV	208°, 62%, 80%
XYZ	24.0850, 26.1882, 60.9122
YIQ	131.3940, -59.4670, 3.9330

# Conversions

## Conversions Part 2

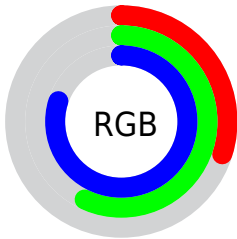
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 121, 204
Decimal	5083596
CIE <sub>Lab</sub>	58.22, -3.49, -36.84
CIE <sub>LCh</sub>	58, 37.003, 264.586
Yxy	26.1882, 0.2166, 0.2355
Android (android.graphics.Color)	4283273676 (0xFF4D91CC)
YUV	131.3940, 35.7948, -47.7035
Hunter-Lab	51.1744, -5.5449, -34.7499

# Details

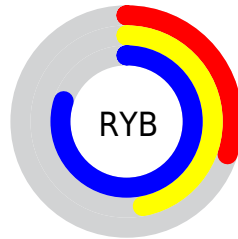
The Hex color **4D91CC** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CC884D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **88C7FF**, and **005F95** is the 20% darker color. If you saturate the color by 10%, you get **3988CC**, and if you desaturate by 10%, it is **619ACC**.

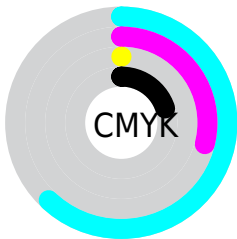
# Distribution



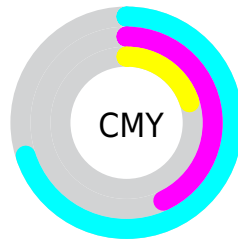
- Red (30%)
- Green (57%)
- Blue (80%)



- Red (30%)
- Yellow (47%)
- Blue (80%)



- Cyan (62%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (70%)
- Magenta (43%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D91CC 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 4D91CC by changing the saturation by 10% instead.



■ 4D91CC

FFFFFF

■ 88C7FF

■ A5E3FF

■ C3FFFF

■ E0FFFF

FEFFFF

■ 4D91CC

■ 4D91CC

■ 2B77B0

■ 005F95

■ 00477B

■ 003162

■ 001D4A

■ 000433

■ 00021D

■ 000000

■ 4D91CC

■ 3988CC

■ 619ACC

■ 247ECC

■ 76A4CC

■ 1075CC

■ 8AADCC

■ 006DCC

■ 9FB7CC

■ B3C0CC

■ C7CACC

■ DCD3CC

■ F0DDCC

■ FFE6CC

# Harmonies

## Analogous

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



0099C0



4D91CC



8686C7

# Triad

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



4D91CC



CA7473



5F9965

# Complementary

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



4D91CC



CC884D

# 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.



859250



4D91CC



BE7D58

# Square

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



4D91CC



C67293



A6884B



2C9D85

# Rectangle

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



4D91CC



A37EBA



A6884B



6D975C

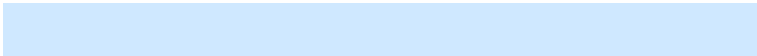


# Sweetspot

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



4D91CC



CFE8FF



4DCC86



627280



000000



808080



# Same Dimension

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



4D91CC



40A6FF



4D53CC



5C6166



0059A6



001426



# Inverse Universe

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



CC4D91



FF40A6



CCC64D



665C61



A60059

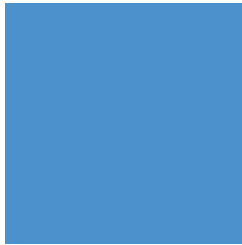


260014



# Previews

## White Background



This preview shows how the Hex color 4D91CC looks on a white background.

## Color Contrast Check

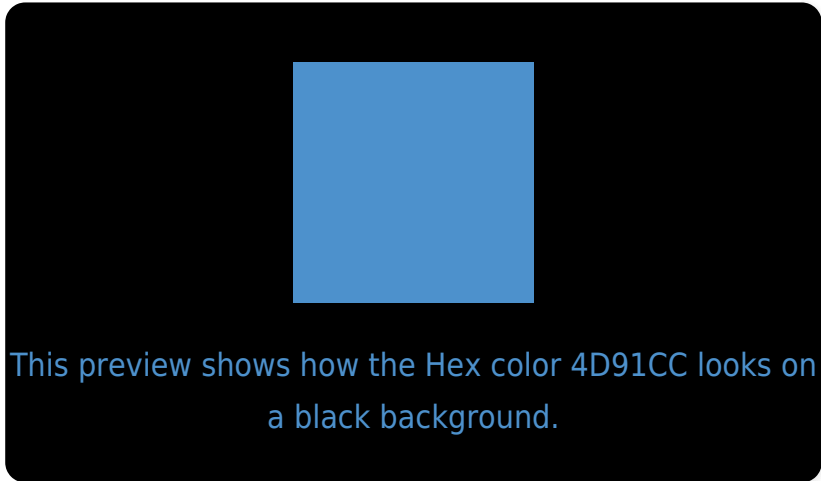
Large Text (above 18pt) WCAG AA ✓ Pass

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

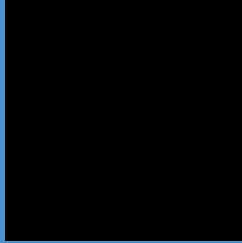
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D91CC Background



This preview shows how black text looks on a background with the Hex color 4D91CC.

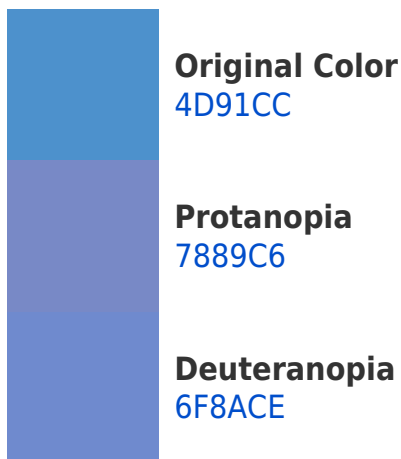


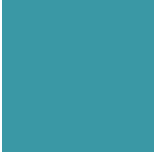
This preview shows how white text looks on a background with the Hex color 4D91CC.

# 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](#).

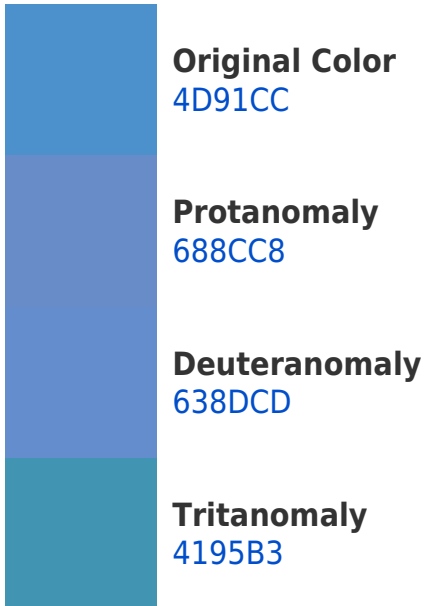
## Dichromacy





**Tritanopia**  
3A98A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D91CC 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 #4D91CC looks like.

```
.text, #text, p{  
    color:#4D91CC  
}
```

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 #4D91CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D91CC  
}
```

## Border

The CSS property to change the border of an element to Hex 4D91CC 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  
#4D91CC }
```

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

```
.border{ border-color:#4D91CC }
```

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

Here you see how a box with a 4 pixel #4D91CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D91CC; -webkit-box-shadow:4px 4px  
4px 4px #4D91CC; box-shadow:4px 4px 4px  
4px #4D91CC }
```

# Background

The CSS property to change the background color of an element to Hex 4D91CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D91CC }
```

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

```
.background{ background-color:#4D91CC }
```

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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