

# Converting Colors

Hex(4F92C9)

Have a look what the booklet for  
Hex(4F92C9) contains.

<b>Hex(4F92C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4F92C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F92C9
RGB	79, 146, 201
RGB Percent	31%, 57%, 79%
CMY	0.6902, 0.4275, 0.2118
CMYK	0.61, 0.27, 0.00, 0.21
HSL	207°, 53%, 55%
HSV	207°, 61%, 79%
XYZ	24.0459, 26.4371, 59.0939
YIQ	132.2370, -57.5870, 2.9010

# Conversions

## Conversions Part 2

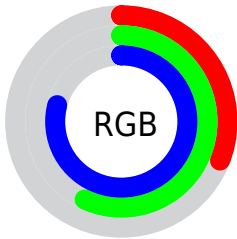
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 122, 201
Decimal	5214921
CIE Lab	58.45, -4.67, -34.78
CIE LCh	58, 35.090, 262.348
Yxy	26.4371, 0.2194, 0.2413
Android (android.graphics.Color)	4283405001 (0xFF4F92C9)
YUV	132.2370, 33.9002, -46.6888
Hunter-Lab	51.4170, -6.5015, -32.1504

# Details

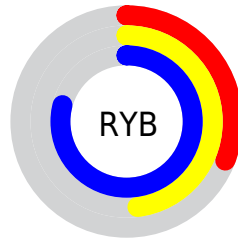
The Hex color **4F92C9** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C9864F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8AC8FF**, and **006093** is the 20% darker color. If you saturate the color by 10%, you get **3B89C9**, and if you desaturate by 10%, it is **639BC9**.

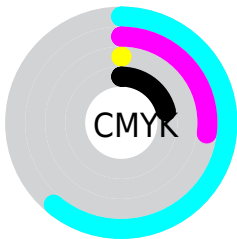
# Distribution



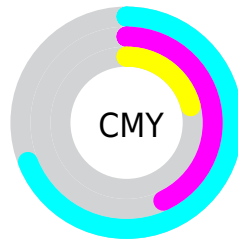
- Red (31%)
- Green (57%)
- Blue (79%)



- Red (31%)
- Yellow (48%)
- Blue (79%)



- Cyan (61%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (43%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F92C9 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 4F92C9 by changing the saturation by 10% instead.



■ 4F92C9

■ 4F92C9

FFFFFF

■ 2E78AD

■ 8AC8FF

■ 006093

■ A7E4FF

■ 004879

■ C4FFFF

■ 003260

■ E1FFFF

■ 001D48

■ 000431

■ 00011B

■ 000000

■ 4F92C9

■ 4F92C9

■ 3B89C9

■ 639BC9

■ 2780C9

■ 77A4C9

■ 1377C9

■ 8BADC9

■ 006EC9

■ 9FB6C9

■ B4BFC9

■ C8C8C9

■ DCD1C9

■ F0DAC9

■ FFE4C9

# Harmonies

## Analogous

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



0099BC



4F92C9



8488C5

# Triad

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



4F92C9



C87577



659966

# Complementary

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



4F92C9



C9864F

# 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.



899252



4F92C9



BE7D5D

# Square

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



4F92C9



C27596



A7884F



3A9C83

# Rectangle

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



4F92C9



A080BA



A7884F



72975E

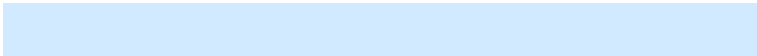


# Sweetspot

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



4F92C9



D1EAFF



4FC986



637380



000000



808080



# Same Dimension

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



4F92C9



45ABFF



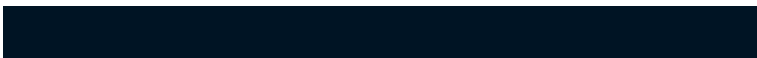
4F55C9



5A5F63



005AA3



001424



# Inverse Universe

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



C94F92



FF45AB



C9C34F



635A5F



A3005A



240014



# Previews

## White Background



This preview shows how the Hex color 4F92C9 looks on a white background.

## Color Contrast Check

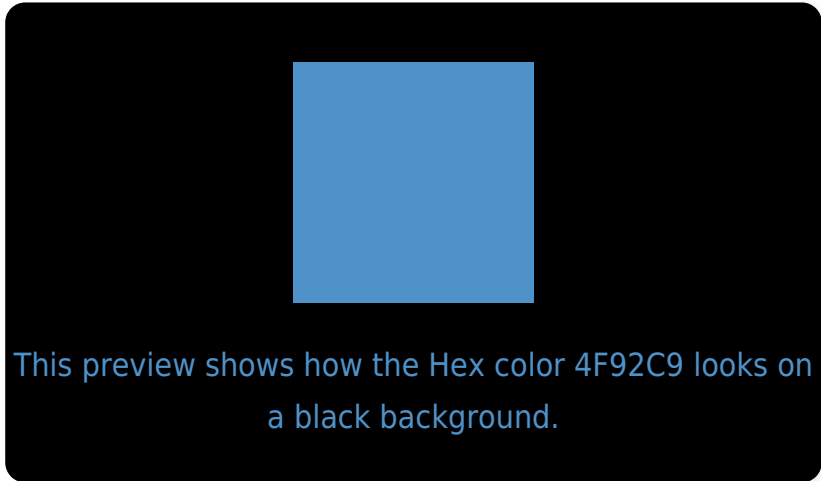
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F92C9 Background



This preview shows how black text looks on a background with the Hex color 4F92C9.

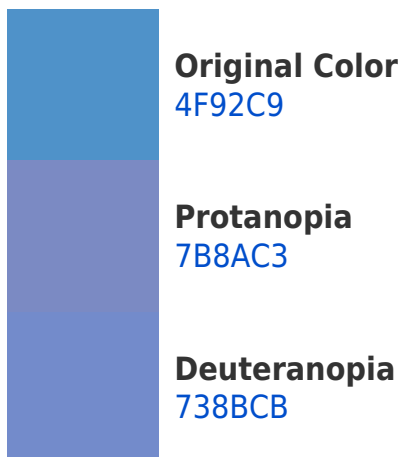


This preview shows how white text looks on a background with the Hex color 4F92C9.

# 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](#).

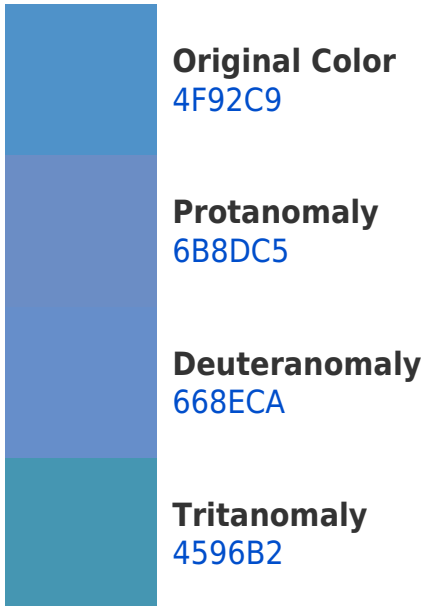
## Dichromacy





**Tritanopia**  
3F99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F92C9 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 #4F92C9 looks like.

```
.text, #text, p{  
    color:#4F92C9  
}
```

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 #4F92C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F92C9
}
```

## Border

The CSS property to change the border of an element to Hex 4F92C9 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
#4F92C9 }
```

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

```
.border{ border-color:#4F92C9 }
```

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

Here you see how a box with a 4 pixel #4F92C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F92C9; -webkit-box-shadow:4px 4px  
4px 4px #4F92C9; box-shadow:4px 4px 4px  
4px #4F92C9 }
```

# Background

The CSS property to change the background color of an element to Hex 4F92C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F92C9 }
```

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

```
.background{ background-color:#4F92C9 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor