

# Converting Colors

Hex(4C6F92)

Have a look what the booklet for  
Hex(4C6F92) contains.

<b>Hex(4C6F92)</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(4C6F92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6F92
RGB	76, 111, 146
RGB Percent	30%, 44%, 57%
CMY	0.7020, 0.5647, 0.4275
CMYK	0.48, 0.24, 0.00, 0.43
HSL	210°, 32%, 44%
HSV	210°, 48%, 57%
XYZ	13.8532, 14.9807, 29.3555
YIQ	104.5250, -32.0950, 3.4650

# Conversions

## Conversions Part 2

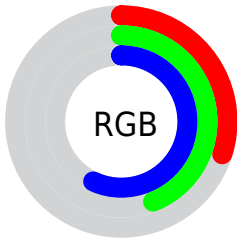
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 99, 146
Decimal	5009298
CIE <sub>Lab</sub>	45.61, -2.42, -22.98
CIE <sub>LCh</sub>	46, 23.110, 263.993
Yxy	14.9807, 0.2381, 0.2574
Android (android.graphics.Color)	4283199378 (0xFF4C6F92)
YUV	104.5250, 20.4472, -25.0164
Hunter-Lab	38.7049, -3.8450, -17.8748

# Details

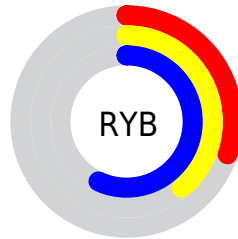
The Hex color **4C6F92** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **926F4C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **80A3C8**, and **16405F** is the 20% darker color. If you saturate the color by 10%, you get **3D6892**, and if you desaturate by 10%, it is **5B7692**.

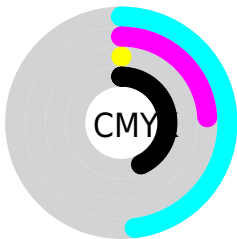
# Distribution



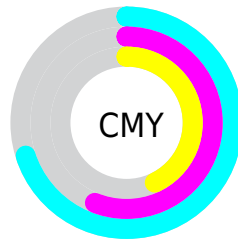
- Red (30%)
- Green (44%)
- Blue (57%)



- Red (30%)
- Yellow (39%)
- Blue (57%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (43%)



- Cyan (70%)
- Magenta (56%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6F92 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 4C6F92 by changing the saturation by 10% instead.



■ 4C6F92

■ 4C6F92

FFFFFF

■ 325778

■ 80A3C8

■ 16405F

■ 9CBEE4

■ 002A47

■ B7D9FF

■ 001531

■ D3F6FF

■ 00011C

■ F0FFFF

■ 000000

■ 4C6F92

■ 4C6F92

■ 3D6892

■ 5B7692

■ 2F6092

■ 697E92

■ 205992

■ 788592

■ 125292

■ 868C92

■ 034A92

■ 959392

■ 004992

■ A49B92

■ B2A292

■ C1A992

■ CFB192

# Harmonies

## Analogous

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



32748B



4C6F92



69688F

# Triad

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



4C6F92



925E5D



537455

# Complementary

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



4C6F92



926F4C

# 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.



697048



4C6F92



8B634D

# Square

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



4C6F92



8F5E71



7D6946



3C7667

# Rectangle

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



4C6F92



7A6488



7D6946



5B7350



# Sweetspot

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



4C6F92



A2AFBD



4C926F



4E565E



DEDEDE



5E5E5E



# Same Dimension

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



4C6F92



4F86BD



4C4C92



43464A



00458A



00050A



# Inverse Universe

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



924C6F



BD4F86



92924C



4A4346



8A0045



0A0005



# Previews

## White Background



This preview shows how the Hex color 4C6F92 looks on a white background.

## Color Contrast Check

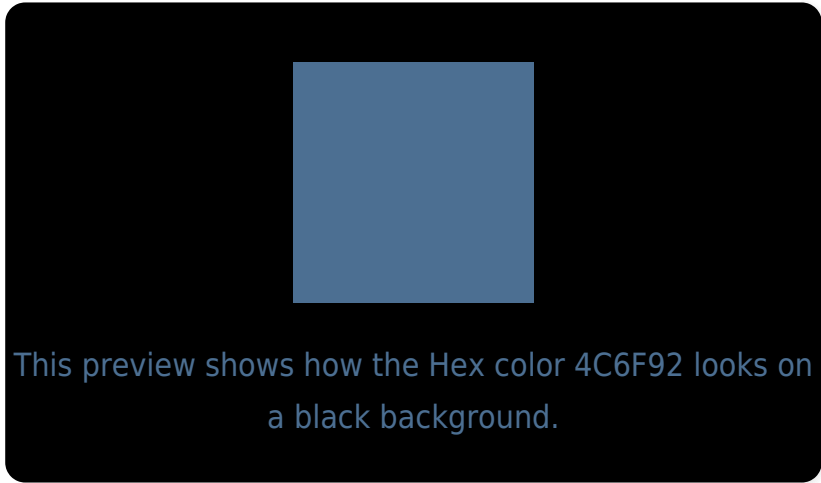
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

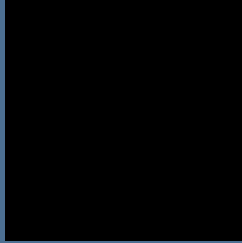
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

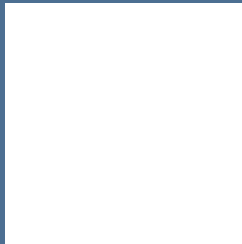
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C6F92 Background



This preview shows how black text looks on a background with the Hex color 4C6F92.

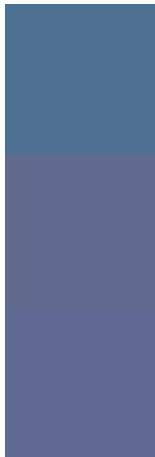


This preview shows how white text looks on a background with the Hex color 4C6F92.

# 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



**Original Color**  
4C6F92

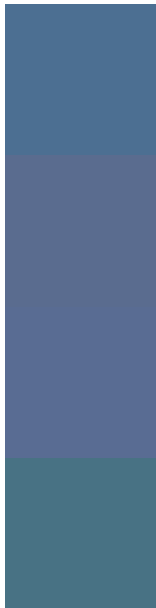
**Protanopia**  
626A8E

**Deuteranopia**  
606A93



**Tritanopia**  
45737C

# Trichromacy



**Original Color**  
4C6F92

**Protanomaly**  
5A6C8F

**Deuteranomaly**  
596C93

**Tritanomaly**  
487284

# Monochromacy



**Original Color**  
4C6F92

**Achromatopsia**  
696969

**Achromatomaly**  
5E6B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6F92 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 #4C6F92 looks like.

```
.text, #text, p{  
    color:#4C6F92  
}
```

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 #4C6F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6F92
}
```

## Border

The CSS property to change the border of an element to Hex 4C6F92 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
#4C6F92 }
```

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

```
.border{ border-color:#4C6F92 }
```

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

Here you see how a box with a 4 pixel #4C6F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6F92; -webkit-box-shadow:4px 4px  
4px 4px #4C6F92; box-shadow:4px 4px 4px  
4px #4C6F92 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6F92 }
```

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

```
.background{ background-color:#4C6F92 }
```

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