

# Converting Colors

Hex(4C6797)

Have a look what the booklet for  
Hex(4C6797) contains.

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# Color

**Hex(4C6797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6797
RGB	76, 103, 151
RGB Percent	30%, 40%, 59%
CMY	0.7020, 0.5961, 0.4078
CMYK	0.50, 0.32, 0.00, 0.41
HSL	218°, 33%, 45%
HSV	218°, 50%, 59%
XYZ	13.4167, 13.4714, 31.1713
YIQ	100.3990, -31.5000, 9.2040

# Conversions

## Conversions Part 2

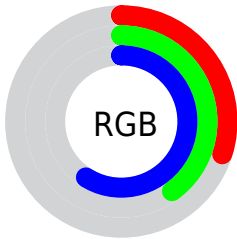
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 96, 151
Decimal	5007255
CIE <sub>Lab</sub>	43.47, 4.02, -29.29
CIE <sub>LCh</sub>	43, 29.563, 277.823
Yxy	13.4714, 0.2311, 0.2320
Android (android.graphics.Color)	4283197335 (0xFF4C6797)
YUV	100.3990, 24.9463, -21.3979
Hunter-Lab	36.7034, 1.0186, -24.6612

# Details

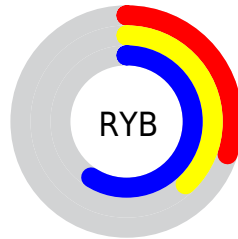
The Hex color **4C6797** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **977C4C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **819ACD**, and **143864** is the 20% darker color. If you saturate the color by 10%, you get **3D5D97**, and if you desaturate by 10%, it is **5B7197**.

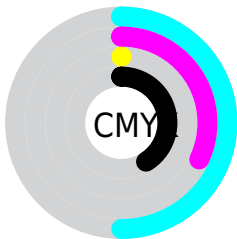
# Distribution



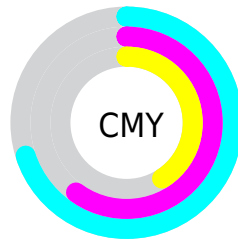
- Red (30%)
- Green (40%)
- Blue (59%)



- Red (30%)
- Yellow (38%)
- Blue (59%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (60%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6797 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 4C6797 by changing the saturation by 10% instead.



■ 4C6797

■ 4C6797

FFFFFF

■ 324F7D

■ 819ACD

■ 143864

■ 9CB5EA

■ 00234C

■ B8D0FF

■ 000D35

■ D4ECFF

■ 00021F

■ F1FFFF

■ 000002

■ 000000

■ 4C6797

■ 4C6797

■ 3D5D97

■ 5B7197

■ 2E5497

■ 6A7A97

■ 1F4A97

■ 798497

■ 104097

■ 888E97

■ 003797

■ 989797

■ 003697

■ A7A197

■ B6AB97

■ C5B497

■ D4BE97

# Harmonies

## Analogous

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



146E94



4C6797



725E8D

# Triad

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



4C6797



93574A



367253

# Complementary

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



4C6797



977C4C

# 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.



566E3F



4C6797



855F3A

# Square

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



4C6797



955361



706735



00746D

# Rectangle

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



4C6797



845881



706735



41714C



# Sweetspot

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



4C6797



A7B2C4



4C977C



525863



E3E3E3



636363



# Same Dimension

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



4C6797



4F79C4



564C97



45484D



00328C



00050D



# Inverse Universe

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



974C67



C44F79



8D974C



4D4548



8C0032



0D0005



# Previews

## White Background



This preview shows how the Hex color 4C6797 looks on a white background.

## Color Contrast Check

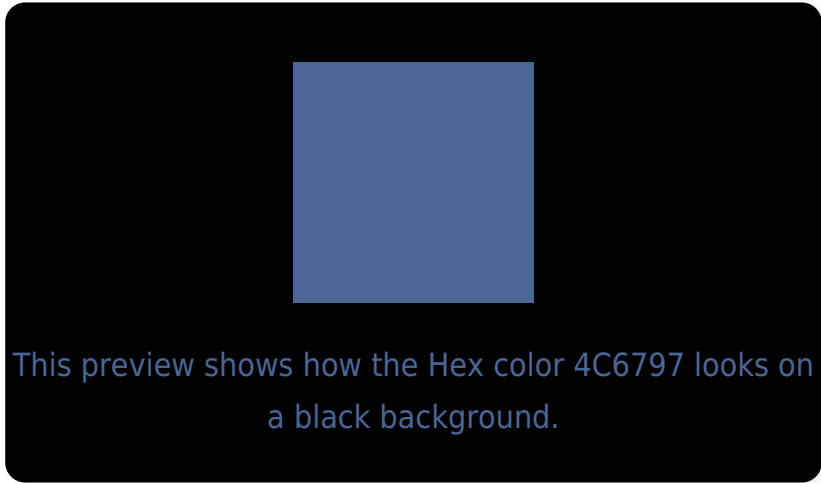
Large Text (above 18pt) WCAG AA ✓ Pass

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

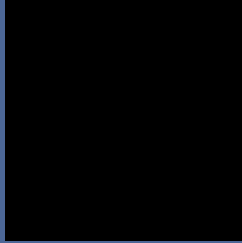
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

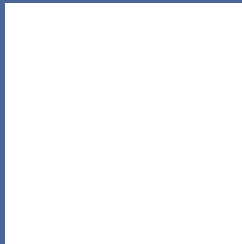
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C6797 Background



This preview shows how black text looks on a background with the Hex color 4C6797.

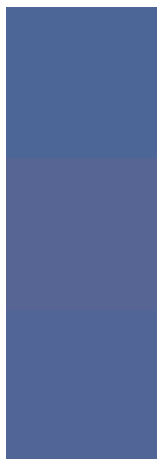


This preview shows how white text looks on a background with the Hex color 4C6797.

# 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**  
4C6797

**Protanopia**  
576595

**Deuteranopia**  
516697



**Tritanopia**  
426D76

# Trichromacy



**Original Color**  
4C6797

**Protanomaly**  
536696

**Deuteranomaly**  
4F6697

**Tritanomaly**  
466B82

# Monochromacy



**Original Color**  
4C6797

**Achromatopsia**  
646464

**Achromatomaly**  
5B6577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6797 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 #4C6797 looks like.

```
.text, #text, p{  
    color:#4C6797  
}
```

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 #4C6797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6797
}
```

## Border

The CSS property to change the border of an element to Hex 4C6797 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
#4C6797 }
```

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

```
.border{ border-color:#4C6797 }
```

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

Here you see how a box with a 4 pixel #4C6797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6797; -webkit-box-shadow:4px 4px  
4px 4px #4C6797; box-shadow:4px 4px 4px  
4px #4C6797 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6797 }
```

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

```
.background{ background-color:#4C6797 }
```

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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