

Converting Colors

Hex(4C6097)

Have a look what the booklet for
Hex(4C6097) contains.

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Color

Hex(4C6097)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4C6097 |
| RGB | 76, 96, 151 |
| RGB Percent | 30%, 38%, 59% |
| CMY | 0.7020, 0.6235, 0.4078 |
| CMYK | 0.50, 0.36, 0.00, 0.41 |
| HSL | 224°, 33%, 45% |
| HSV | 224°, 50%, 59% |
| XYZ | 12.7493, 12.1366, 30.9488 |
| YIQ | 96.2900, -29.5750, 12.8650 |

Conversions

Conversions Part 2

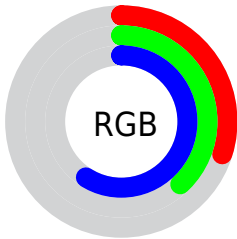
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 92, 151 |
| Decimal | 5005463 |
| CIE Lab | 41.43, 8.39, -32.48 |
| CIE LCh | 41, 33.546, 284.492 |
| Yxy | 12.1366, 0.2283, 0.2174 |
| Android (android.graphics.Color) | 4283195543 (0xFF4C6097) |
| YUV | 96.2900, 26.9720, -17.7943 |
| Hunter-Lab | 34.8376, 4.3585, -28.2853 |

Details

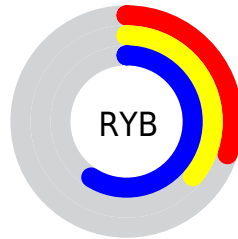
The Hex color **4C6097** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97834C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8192CE**, and **143264** is the 20% darker color. If you saturate the color by 10%, you get **3D5597**, and if you desaturate by 10%, it is **5B6B97**.

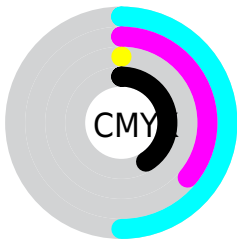
Distribution



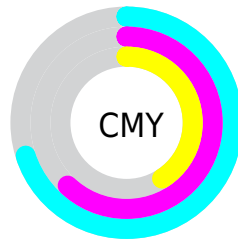
- Red (30%)
- Green (38%)
- Blue (59%)



- Red (30%)
- Yellow (36%)
- Blue (59%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6097 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 4C6097 by changing the saturation by 10% instead.



4C6097



4C6097

FFFFFF



31487D



8192CE



143264



9CADEA



001E4B



B8C8FF



000335



D4E4FF



00021F



F1FFFF



000001



000000



4C6097



4C6097



3D5597



5B6B97

■ 2E4A97

■ 6A7697

■ 1F3F97

■ 798197

■ 103497

■ 888C97

■ 002997

■ 989797

■ 002897

■ A7A297

■ B6AE97

■ C5B997

■ D4C497

Harmonies

Analogous

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



006996



4C6097



755589

Triad

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



4C6097



90513C



196F52

Complementary

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



4C6097



97834C

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.



466B39



4C6097



7E5B2C

Square

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



4C6097



964B55



65642A



00706F

Rectangle

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



4C6097



874F7A



65642A



2C6E49

Sweetspot

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



4C6097



A7AFC4



4C9783



525663



E3E3E3



636363

Same Dimension

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



4C6097



4F6EC4



5E4C97



45474D



00258C



00030D

Inverse Universe

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



974C60



C44F6E



86974C



4D4547



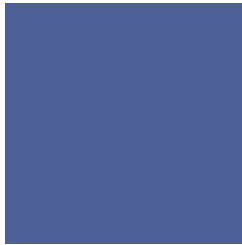
8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 4C6097 looks on a white background.

Color Contrast Check

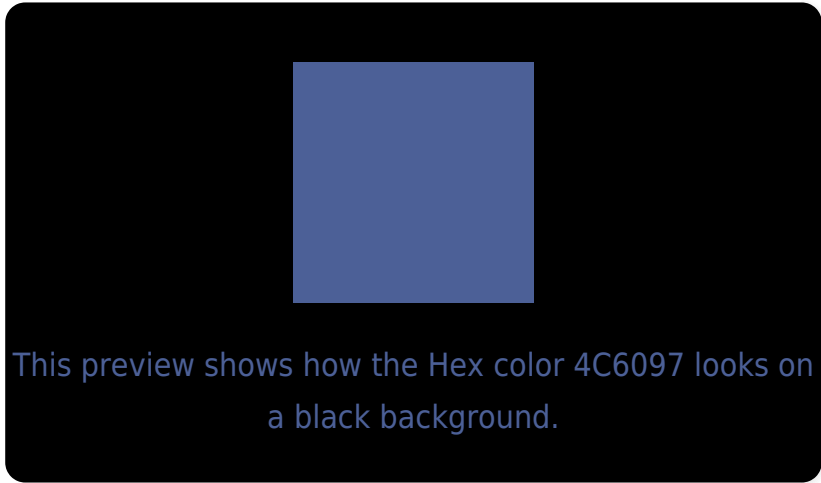
Large Text (above 18pt) WCAG AA ✓ Pass

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

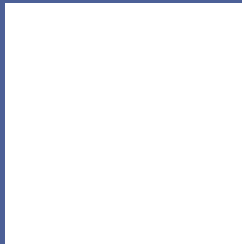
Any Text WCAG AAA × Fail

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

Hex 4C6097 Background



This preview shows how black text looks on a background with the Hex color 4C6097.



This preview shows how white text looks on a background with the Hex color 4C6097.

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

4C6097

Protanopia

4E6097

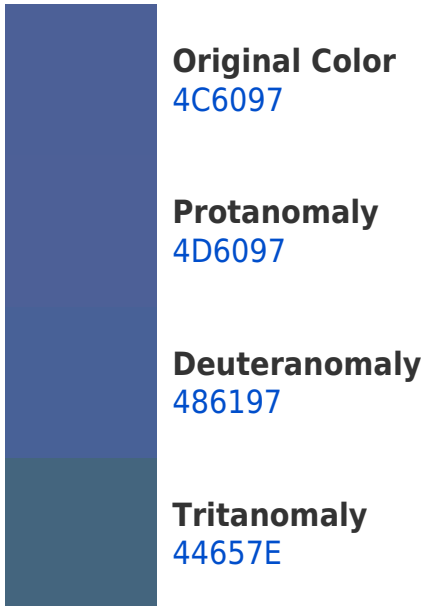
Deuteranopia

466197



Tritanopia
406870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6097 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 #4C6097 looks like.

```
.text, #text, p{  
    color:#4C6097  
}
```

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 #4C6097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6097  
}
```

Border

The CSS property to change the border of an element to Hex 4C6097 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  
#4C6097 }
```

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

```
.border{ border-color:#4C6097 }
```

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

Here you see how a box with a 4 pixel #4C6097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6097; -webkit-box-shadow:4px 4px  
4px 4px #4C6097; box-shadow:4px 4px 4px  
4px #4C6097 }
```

Background

The CSS property to change the background color of an element to Hex 4C6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6097 }
```

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

```
.background{ background-color:#4C6097 }
```

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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