

Converting Colors

Hex(4C7099)

Have a look what the booklet for
Hex(4C7099) contains.

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Color

Hex(4C7099)

Conversions

Conversions Part 1

Format	Color
Hex	4C7099
RGB	76, 112, 153
RGB Percent	30%, 44%, 60%
CMY	0.7020, 0.5608, 0.4000
CMYK	0.50, 0.27, 0.00, 0.40
HSL	212°, 34%, 45%
HSV	212°, 50%, 60%
XYZ	14.5244, 15.4247, 32.3487
YIQ	105.9100, -34.6170, 5.1190

Conversions

Conversions Part 2

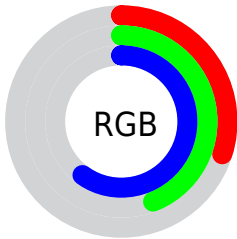
Format	Color
R_{YB}	76, 101, 153
Decimal	5009561
CIE _{Lab}	46.21, -0.83, -26.19
CIE _{LCh}	46, 26.207, 268.177
Yxy	15.4247, 0.2331, 0.2476
Android (android.graphics.Color)	4283199641 (0xFF4C7099)
YUV	105.9100, 23.2154, -26.2311
Hunter-Lab	39.2744, -2.7173, -21.3428

Details

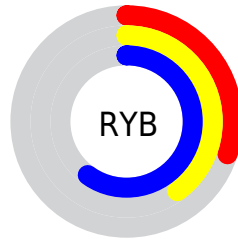
The Hex color **4C7099** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **99754C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **81A4D0**, and **134166** is the 20% darker color. If you saturate the color by 10%, you get **3D6899**, and if you desaturate by 10%, it is **5B7899**.

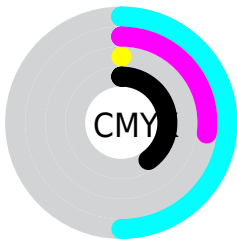
Distribution



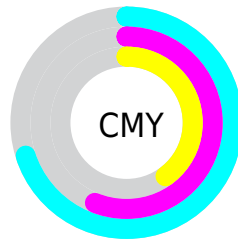
- Red (30%)
- Green (44%)
- Blue (60%)



- Red (30%)
- Yellow (40%)
- Blue (60%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7099 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 4C7099 by changing the saturation by 10% instead.



4C7099



4C7099

FFFFFF



31587F



81A4D0



134166



9CBFEC



002B4E



B8DAFF



001636



D5F7FF



000221



F2FFFF



000006



000000



4C7099



4C7099



3D6899



5B7899

■ 2D6099

■ 6B8099

■ 1E5899

■ 7A8899

■ 0F4F99

■ 899199

■ 004899

■ 999999

■ A8A199

■ B7A999

■ C6B199

■ D6B999

Harmonies

Analogous

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



287692



4C7099



6E6894

Triad

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



4C7099



985E5A



4D7756

Complementary

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



4C7099



99754C

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.



677246



4C7099



8F6449

Square

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



4C7099



965D70



7D6C41



30796B

Rectangle

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



4C7099



81638B



7D6C41



56764F

Sweetspot

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



4C7099



A9B7C7



4C9974



525A63



E3E3E3



636363

Same Dimension

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



4C7099



5087C7



4D4C99



45484D



00428C



00060D

Inverse Universe

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



994C70



C75087



98994C



4D4548



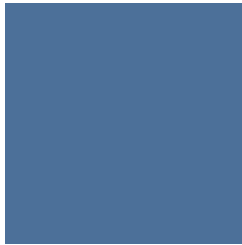
8C0042



0D0006

Previews

White Background



This preview shows how the Hex color 4C7099 looks on a white background.

Color Contrast Check

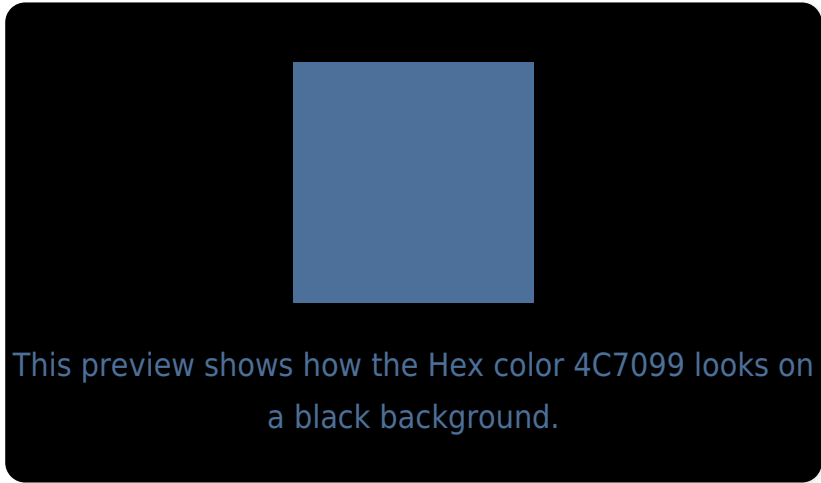
Large Text (above 18pt) WCAG AA ✓ Pass

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

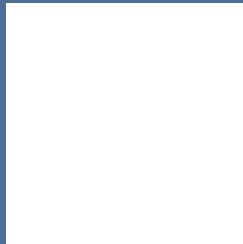
Any Text WCAG AAA × Fail

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

Hex 4C7099 Background



This preview shows how black text looks on a background with the Hex color 4C7099.



This preview shows how white text looks on a background with the Hex color 4C7099.

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
43757E

Trichromacy



Original Color
4C7099

Protanomaly
596D97

Deuteranomaly
576D9A

Tritanomaly
467388

Monochromacy



Original Color
4C7099

Achromatopsia
6A6A6A

Achromatomaly
5F6C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7099 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 #4C7099 looks like.

```
.text, #text, p{  
    color:#4C7099  
}
```

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 #4C7099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7099
}
```

Border

The CSS property to change the border of an element to Hex 4C7099 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
#4C7099 }
```

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

```
.border{ border-color:#4C7099 }
```

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

Here you see how a box with a 4 pixel #4C7099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7099; -webkit-box-shadow:4px 4px  
4px 4px #4C7099; box-shadow:4px 4px 4px  
4px #4C7099 }
```

Background

The CSS property to change the background color of an element to Hex 4C7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7099 }
```

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

```
.background{ background-color:#4C7099 }
```

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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