

Converting Colors

Hex(4C5794)

Have a look what the booklet for
Hex(4C5794) contains.

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Color

Hex(4C5794)

Conversions

Conversions Part 1

Format	Color
Hex	4C5794
RGB	76, 87, 148
RGB Percent	30%, 34%, 58%
CMY	0.7020, 0.6588, 0.4196
CMYK	0.49, 0.41, 0.00, 0.42
HSL	231°, 32%, 44%
HSV	231°, 49%, 58%
XYZ	11.7340, 10.4910, 29.4235
YIQ	90.6650, -26.1370, 16.6390

Conversions

Conversions Part 2

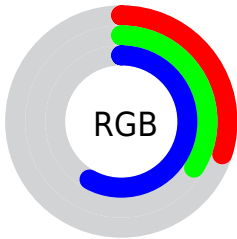
Format	Color
R_{YB}	76, 86, 148
Decimal	5003156
CIE _{Lab}	38.71, 13.15, -34.98
CIE _{LCh}	39, 37.366, 290.602
Yxy	10.4910, 0.2272, 0.2031
Android (android.graphics.Color)	4283193236 (0xFF4C5794)
YUV	90.6650, 28.2662, -12.8612
Hunter-Lab	32.3898, 7.9837, -31.1872

Details

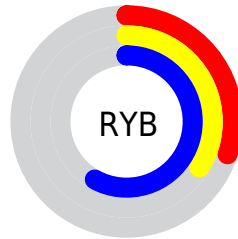
The Hex color **4C5794** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94894C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8189CA**, and **142A61** is the 20% darker color. If you saturate the color by 10%, you get **3D4A94**, and if you desaturate by 10%, it is **5B6494**.

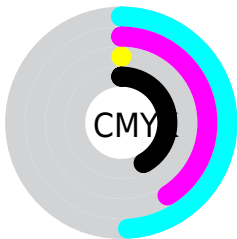
Distribution



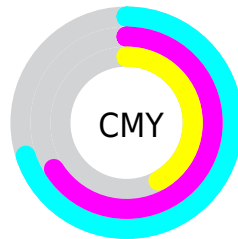
- Red (30%)
- Green (34%)
- Blue (58%)



- Red (30%)
- Yellow (34%)
- Blue (58%)



- Cyan (49%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (70%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5794 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 4C5794 by changing the saturation by 10% instead.

■ 4C5794

■ 4C5794

FFFFFF

■ 32407A

■ 8189CA

■ 142A61

■ 9CA3E7

■ 001649

■ B8BEFF

■ 000032

■ D4DAFF

■ 00011C

■ F1F6FF

■ 000000

■ 4C5794

■ 4C5794

■ 3D4A94

■ 5B6494

■ 2E3E94

■ 6A7094

■ 203194

■ 787D94

■ 112594

■ 878994

■ 021894

■ 969694

■ 001794

■ A5A294

■ B4AF94

■ C2BB94

■ D1C894

Harmonies

Analogous

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



006197



4C5794



774B82

Triad

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



4C5794



894B2D



006950

Complementary

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



4C5794



94894C

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.



336633



4C5794



74561C

Square

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



4C5794



934148



58601F



006A70

Rectangle

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



4C5794



884370



58601F



016946

Sweetspot

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



4C5794



A3A7BF



4C9488



4F5261



E0E0E0



616161

Same Dimension

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



4C5794



5061BF



644C94



43444A



00158A



00020A

Inverse Universe

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



944C57



BF5061



7C944C



4A4344



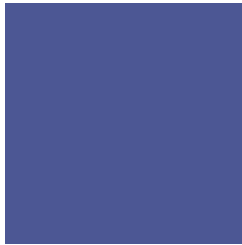
8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 4C5794 looks on a white background.

Color Contrast Check

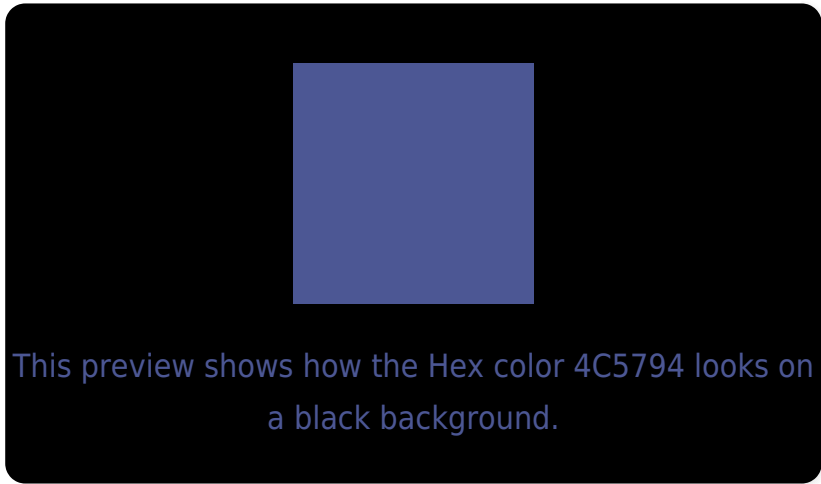
Large Text (above 18pt) WCAG AA ✓ Pass

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

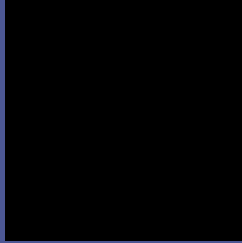
Any Text WCAG AA × Fail

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 4C5794 Background



This preview shows how black text looks on a background with the Hex color 4C5794.



This preview shows how white text looks on a background with the Hex color 4C5794.

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
4C5794

Protanopia
425996

Deuteranopia
3A5B93



Tritanopia
3F6068

Trichromacy



Original Color
4C5794

Protanomaly
465895

Deuteranomaly
415A93

Tritanomaly
445D78

Monochromacy



Original Color
4C5794

Achromatopsia
5B5B5B

Achromatomaly
565A70

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5794 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 #4C5794 looks like.

```
.text, #text, p{  
    color:#4C5794  
}
```

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 #4C5794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5794
}
```

Border

The CSS property to change the border of an element to Hex 4C5794 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
#4C5794 }
```

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

```
.border{ border-color:#4C5794 }
```

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

Here you see how a box with a 4 pixel #4C5794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5794; -webkit-box-shadow:4px 4px  
4px 4px #4C5794; box-shadow:4px 4px 4px  
4px #4C5794 }
```

Background

The CSS property to change the background color of an element to Hex 4C5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5794 }
```

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

```
.background{ background-color:#4C5794 }
```

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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