

Converting Colors

Hex(4C88C0)

Have a look what the booklet for
Hex(4C88C0) contains.

Hex(4C88C0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C88C0)

Conversions

Conversions Part 1

Format	Color
Hex	4C88C0
RGB	76, 136, 192
RGB Percent	30%, 53%, 75%
CMY	0.7020, 0.4667, 0.2471
CMYK	0.60, 0.29, 0.00, 0.25
HSL	209°, 48%, 53%
HSV	209°, 60%, 75%
XYZ	21.2991, 22.9506, 53.1765
YIQ	124.4440, -53.7360, 4.6960

Conversions

Conversions Part 2

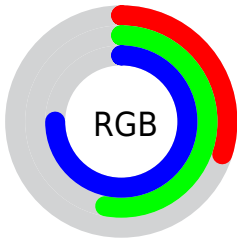
Format	Color
R_{YB}	76, 116, 192
Decimal	5015744
CIE _{Lab}	55.02, -2.43, -35.05
CIE _{LCh}	55, 35.134, 266.039
Yxy	22.9506, 0.2186, 0.2356
Android (android.graphics.Color)	4283205824 (0xFF4C88C0)
YUV	124.4440, 33.3051, -42.4854
Hunter-Lab	47.9068, -4.4768, -32.2771

Details

The Hex color **4C88C0** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C0844C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **86BDF9**, and **00578A** is the 20% darker color. If you saturate the color by 10%, you get **397FC0**, and if you desaturate by 10%, it is **5F91C0**.

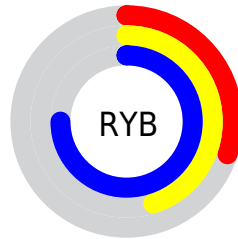
Distribution



Red (30%)

Green (53%)

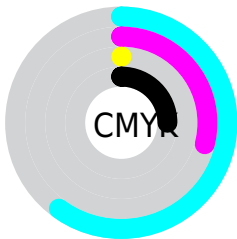
Blue (75%)



Red (30%)

Yellow (45%)

Blue (75%)

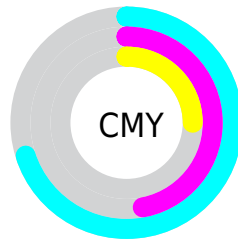


Cyan (60%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (70%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C88C0 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 4C88C0 by changing the saturation by 10% instead.

■ 4C88C0

■ 4C88C0

FFFFFF

■ 2C6FA5

■ 86BDF9

■ 00578A

■ A2D9FF

■ 004070

■ BFF5FF

■ 002A58

■ DDDFFF

■ 001640

■ FBBBBF

■ 00032A

■ 000114

■ 000000

■ 4C88C0

■ 4C88C0

■ 397FC0

■ 5F91C0

■ 2675C0

■ 729BC0

■ 126CC0

■ 86A4C0

■ 0063C0

■ 99ADC0

■ ACB6C0

■ BFC0C0

■ D2C9C0

■ E6D2C0

■ F9DBC0

Harmonies

Analogous

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



0090B5



4C88C0



817DBA

Triad

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



4C88C0



BE6D6B



589061

Complementary

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



4C88C0



C0844C

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.



7C8A4C



4C88C0



B27652

Square

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



4C88C0



BA6C89



9B8146



27937E

Rectangle

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



4C88C0



9B76AE



9B8146



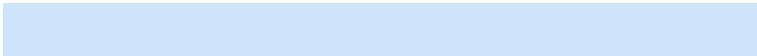
658F58

Sweetspot

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



4C88C0



CDE4FA



4CC082



61707D



FCFCFC



7D7D7D

Same Dimension

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



4C88C0



43A2FA



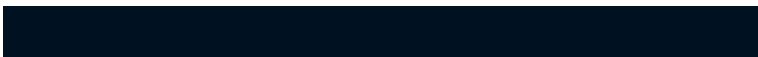
4C50C0



575C61



0053A1



001121

Inverse Universe

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



C04C88



FA43A2



C0BC4C



61575C



A10053



210011

Previews

White Background



This preview shows how the Hex color 4C88C0 looks on a white background.

Color Contrast Check

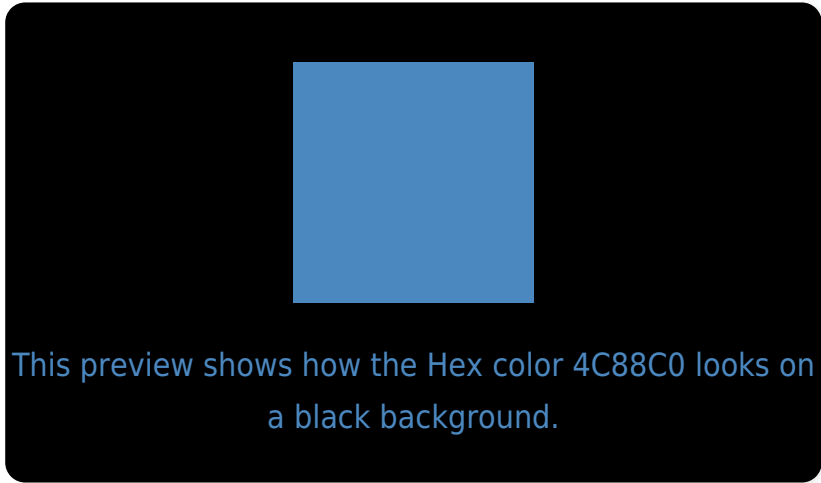
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

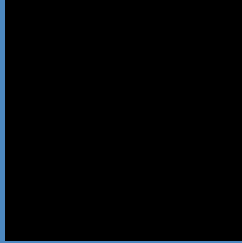
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4C88C0 Background



This preview shows how black text looks on a background with the Hex color 4C88C0.

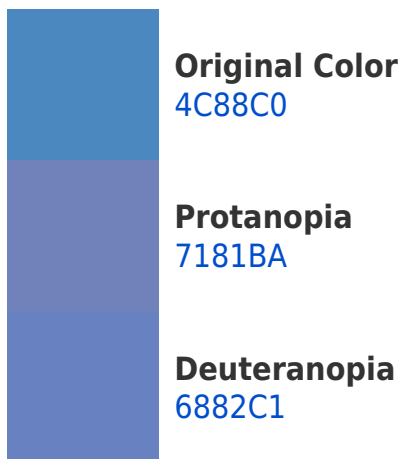


This preview shows how white text looks on a background with the Hex color 4C88C0.

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](#).

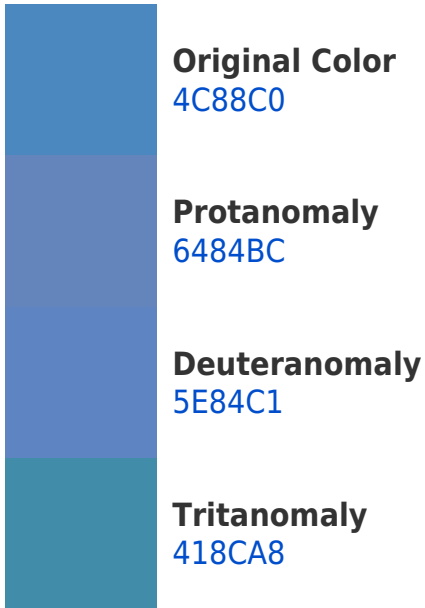
Dichromacy





Tritanopia
3B8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C88C0 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 #4C88C0 looks like.

```
.text, #text, p{  
    color:#4C88C0  
}
```

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 #4C88C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C88C0  
}
```

Border

The CSS property to change the border of an element to Hex 4C88C0 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  
#4C88C0 }
```

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

```
.border{ border-color:#4C88C0 }
```

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

Here you see how a box with a 4 pixel #4C88C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C88C0; -webkit-box-shadow:4px 4px  
4px 4px #4C88C0; box-shadow:4px 4px 4px  
4px #4C88C0 }
```

Background

The CSS property to change the background color of an element to Hex 4C88C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C88C0 }
```

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

```
.background{ background-color:#4C88C0 }
```

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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