

Converting Colors

Hex(4788C0)

Have a look what the booklet for
Hex(4788C0) contains.

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Color

Hex(4788C0)

Conversions

Conversions Part 1

Format	Color
Hex	4788C0
RGB	71, 136, 192
RGB Percent	28%, 53%, 75%
CMY	0.7216, 0.4667, 0.2471
CMYK	0.63, 0.29, 0.00, 0.25
HSL	208°, 49%, 52%
HSV	208°, 63%, 75%
XYZ	20.9171, 22.7537, 53.1586
YIQ	122.9490, -56.7160, 3.6360

Conversions

Conversions Part 2

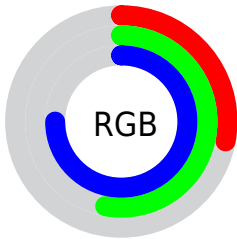
Format	Color
R_{YB}	71, 113, 192
Decimal	4688064
CIE _{Lab}	54.82, -3.38, -35.38
CIE _{LCh}	55, 35.544, 264.551
Yxy	22.7537, 0.2160, 0.2350
Android (android.graphics.Color)	4282878144 (0xFF4788C0)
YUV	122.9490, 34.0421, -45.5593
Hunter-Lab	47.7008, -5.2030, -32.6832

Details

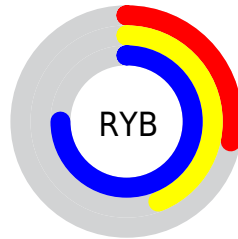
The Hex color **4788C0** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C07F47**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **82BDF9**, and **00578A** is the 20% darker color. If you saturate the color by 10%, you get **347FC0**, and if you desaturate by 10%, it is **5A91C0**.

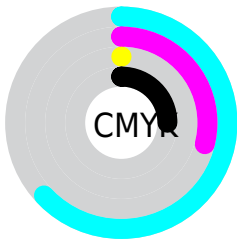
Distribution



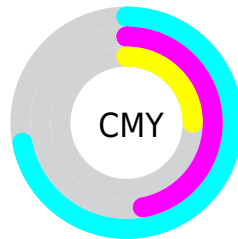
- Red (28%)
- Green (53%)
- Blue (75%)



- Red (28%)
- Yellow (44%)
- Blue (75%)



- Cyan (63%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4788C0 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 4788C0 by changing the saturation by 10% instead.

■ 4788C0

■ 4788C0

FFFFFF

■ 256FA5

■ 82BDF9

■ 00578A

■ 9FD9FF

■ 004070

■ BCF5FF

■ 002A58

■ D9FFFF

■ 001640

■ F7FFFF

■ 00032A

■ 000114

■ 000000

■ 4788C0

■ 4788C0

■ 347FC0

■ 5A91C0

■ 2176C0

■ 6D9AC0

■ 0D6DC0

■ 81A3C0

■ 0067C0

■ 94ACC0

■ A7B4C0

■ BABDC0

■ CDC6C0

■ E1CFC0

■ F4D8C0

Harmonies

Analogous

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



008FB4



4788C0



7E7DBB

Triad

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



4788C0



BE6C6B



59905E

Complementary

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



4788C0



C07F47

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.



7D894A



4788C0



B37552

Square

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



4788C0



BA6B8A



9C7F45



28937C

Rectangle

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



4788C0



9976AF



9C7F45



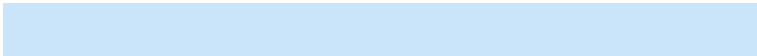
658E56

Sweetspot

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



4788C0



CAE4FA



47C07D



60707D



FCFCFC



7D7D7D

Same Dimension

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



4788C0



3CA2FA



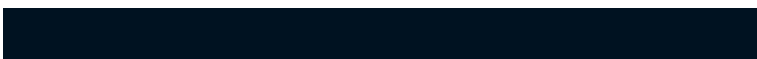
474DC0



575C61



0056A1



001221

Inverse Universe

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



C04788



FA3CA2



C0BA47



61575C



A10056



210012

Previews

White Background



This preview shows how the Hex color 4788C0 looks on a white background.

Color Contrast Check

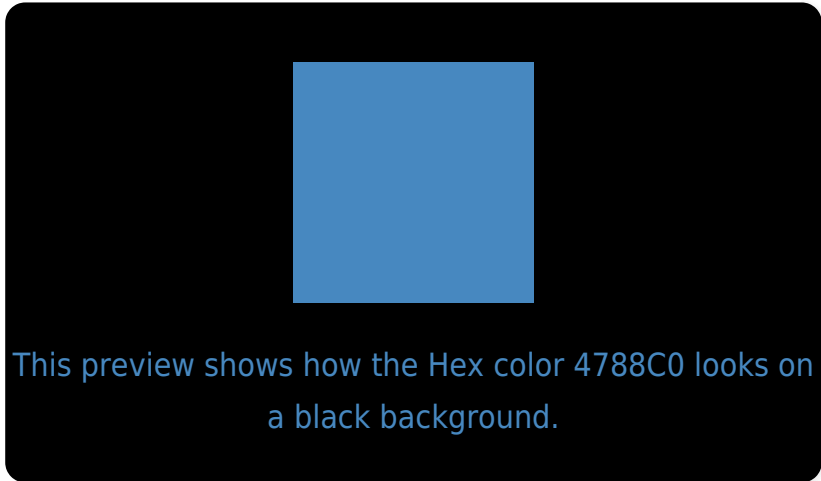
Large Text (above 18pt) WCAG AA ✓ Pass

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

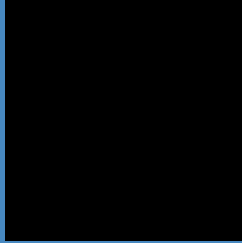
Any Text WCAG AA ✓ Pass

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 4788C0 Background



This preview shows how black text looks on a background with the Hex color 4788C0.

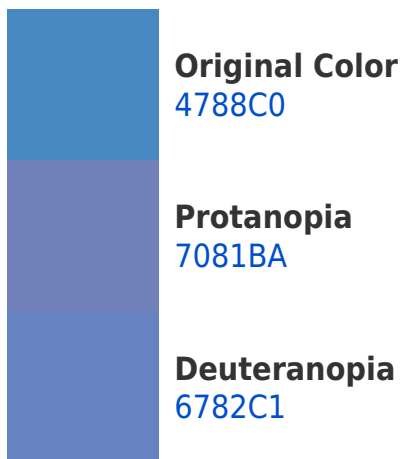


This preview shows how white text looks on a background with the Hex color 4788C0.

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](#).

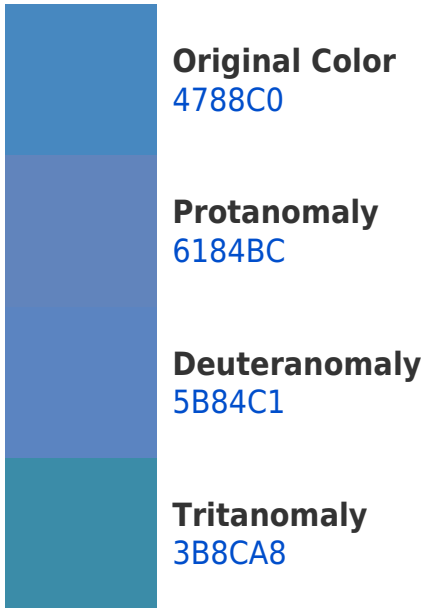
Dichromacy





Tritanopia
348F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4788C0 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 #4788C0 looks like.

```
.text, #text, p{  
    color:#4788C0  
}
```

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 #4788C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4788C0
}
```

Border

The CSS property to change the border of an element to Hex 4788C0 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
#4788C0 }
```

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

```
.border{ border-color:#4788C0 }
```

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

Here you see how a box with a 4 pixel #4788C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4788C0; -webkit-box-shadow:4px 4px  
4px 4px #4788C0; box-shadow:4px 4px 4px  
4px #4788C0 }
```

Background

The CSS property to change the background color of an element to Hex 4788C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4788C0 }
```

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

```
.background{ background-color:#4788C0 }
```

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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