

Converting Colors

Hex(4788C5)

Have a look what the booklet for
Hex(4788C5) contains.

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Color

Hex(4788C5)

Conversions

Conversions Part 1

Format	Color
Hex	4788C5
RGB	71, 136, 197
RGB Percent	28%, 53%, 77%
CMY	0.7216, 0.4667, 0.2275
CMYK	0.64, 0.31, 0.00, 0.23
HSL	209°, 52%, 53%
HSV	209°, 64%, 77%
XYZ	21.4807, 22.9791, 56.1266
YIQ	123.5190, -58.3210, 5.1910

Conversions

Conversions Part 2

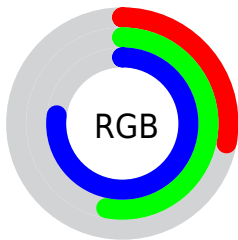
Format	Color
R _Y B	71, 114, 197
Decimal	4688069
CIE Lab	55.05, -1.69, -37.86
CIE LCh	55, 37.898, 267.439
Yxy	22.9791, 0.2136, 0.2285
Android (android.graphics.Color)	4282878149 (0xFF4788C5)
YUV	123.5190, 36.2261, -46.0592
Hunter-Lab	47.9366, -3.9017, -35.8642




Details

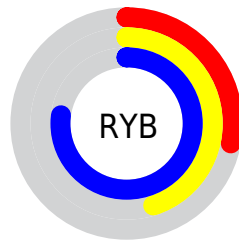
The Hex color **4788C5** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C58447**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **82BDFE**, and **00578F** is the 20% darker color. If you saturate the color by 10%, you get **337EC5**, and if you desaturate by 10%, it is **5B92C5**.

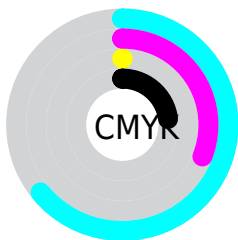
Distribution







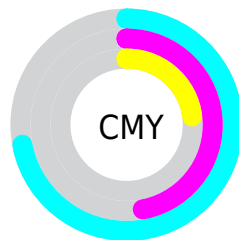
-  Red (28%)
-  Green (53%)
-  Blue (77%)






-  Red (28%)
-  Yellow (45%)
-  Blue (77%)



-  Cyan (64%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (23%)



-  Cyan (72%)
-  Magenta (47%)
-  Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4788C5 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 4788C5 by changing the saturation by 10% instead.

■ 4788C5

■ 4788C5

FFFFFF

■ 246FAA

■ 82BDFE

■ 00578F

■ 9FD9FF

■ 004075

■ BDF5FF

■ 002A5C

■ DAFFFF

■ 001644

■ F8FFFF

■ 00032D

■ 000118

■ 000000

■ 4788C5

■ 4788C5

■ 337EC5

■ 5B92C5

■ 2075C5

■ 6E9BC5

■ 0C6BC5

■ 82A5C5

■ 0066C5

■ 96AEC5

■ AAB8C5

■ BDC1C5

■ D1CBC5

■ E5D4C5

■ F8DEC5

Harmonies

Analogous

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



0090BA



4788C5



827CBE

Triad

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



4788C5



C16B67



51915F

Complementary

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



4788C5



C58447

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.



798B48



4788C5



B4754D

Square

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



4788C5



BF6988



9A8141



0C9580

Rectangle

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



4788C5



9F74B0



9A8141



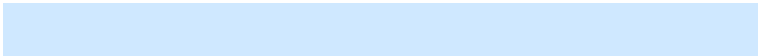
609056

Sweetspot

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



4788C5



CFE8FF



47C584



627180



000000



808080

Same Dimension

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



4788C5



3BA0FF



4749C5



5A5F63



0054A3



001224

Inverse Universe

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



C54788



FF3BA0



C5C347



635A5F



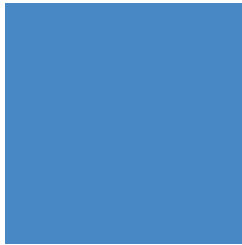
A30054



240012

Previews

White Background



This preview shows how the Hex color 4788C5 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



This preview shows how the Hex color 4788C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

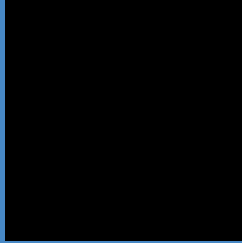
Any Text WCAG AA ✓ Pass

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 4788C5 Background



This preview shows how black text looks on a background with the Hex color 4788C5.

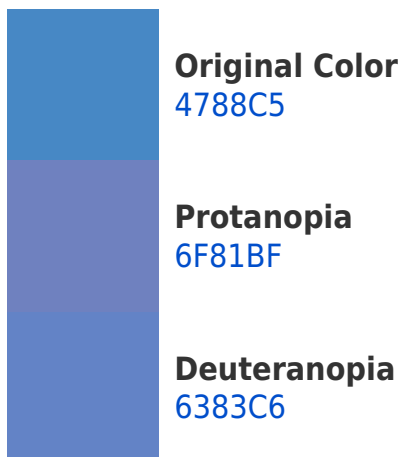


This preview shows how white text looks on a background with the Hex color 4788C5.

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](#).

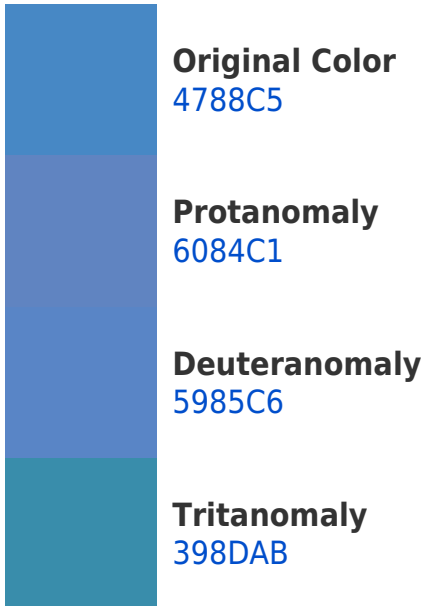
Dichromacy



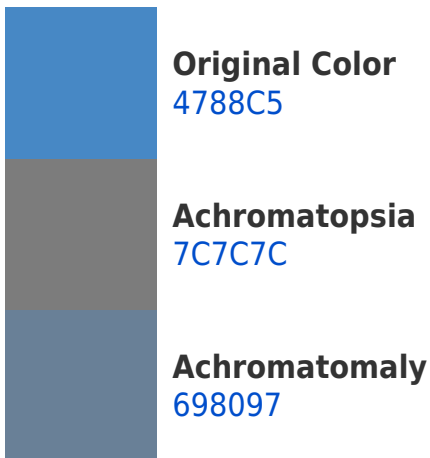


Tritanopia
31909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4788C5 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 #4788C5 looks like.

```
.text, #text, p{  
    color:#4788C5  
}
```

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 #4788C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4788C5
}
```

Border

The CSS property to change the border of an element to Hex 4788C5 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
#4788C5 }
```

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

```
.border{ border-color:#4788C5 }
```

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

Here you see how a box with a 4 pixel #4788C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4788C5; -webkit-box-shadow:4px 4px  
4px 4px #4788C5; box-shadow:4px 4px 4px  
4px #4788C5 }
```

Background

The CSS property to change the background color of an element to Hex 4788C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4788C5 }
```

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

```
.background{ background-color:#4788C5 }
```

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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