

Converting Colors

Hex(4798D5)

Have a look what the booklet for
Hex(4798D5) contains.

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Color

Hex(4798D5)

Conversions

Conversions Part 1

Format	Color
Hex	4798D5
RGB	71, 152, 213
RGB Percent	28%, 60%, 84%
CMY	0.7216, 0.4039, 0.1647
CMYK	0.67, 0.29, 0.00, 0.16
HSL	206°, 63%, 56%
HSV	206°, 67%, 84%
XYZ	25.8370, 28.6002, 67.1094
YIQ	134.7350, -67.8570, 1.7990

Conversions

Conversions Part 2

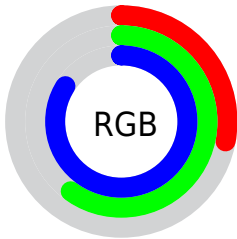
Format	Color
R_{YB}	71, 123, 213
Decimal	4692181
CIE _{Lab}	60.43, -5.53, -38.43
CIE _{LCh}	60, 38.830, 261.809
Yxy	28.6002, 0.2126, 0.2353
Android (android.graphics.Color)	4282882261 (0xFF4798D5)
YUV	134.7350, 38.5846, -55.8956
Hunter-Lab	53.4791, -7.3509, -36.9659

Details

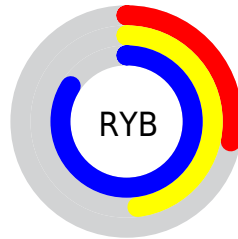
The Hex color **4798D5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D58447**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **85CEFF**, and **00659E** is the 20% darker color. If you saturate the color by 10%, you get **328FD5**, and if you desaturate by 10%, it is **5CA1D5**.

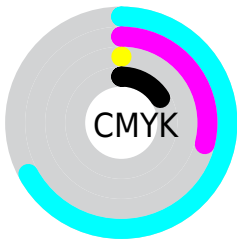
Distribution



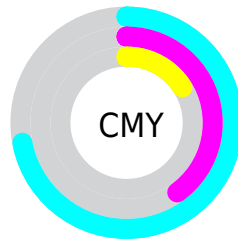
- Red (28%)
- Green (60%)
- Blue (84%)



- Red (28%)
- Yellow (48%)
- Blue (84%)



- Cyan (67%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (72%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4798D5 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 4798D5 by changing the saturation by 10% instead.

■ 4798D5

■ 4798D5

FFFFFF

■ 1F7EB9

■ 85CEFF

■ 00659E

■ A3EAFF

■ 004E84

■ C0FFFF

■ 00376A

■ DEFFFF

■ 002252

■ FDFFFF

■ 00083A

■ 000224

■ 00000B

■ 000000

■ 4798D5

■ 4798D5

■ 328FD5

■ 5CA1D5

■ 1C86D5

■ 72AAD5

■ 077DD5

■ 87B3D5

■ 007AD5

■ 9CBDD5

■ B2C6D5

■ C7CFD5

■ DCD8D5

■ F1E1D5

■ FFEAD5

Harmonies

Analogous

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



00A0C7



4798D5



878CD1

Triad

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



4798D5



D3777A



669F66

Complementary

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



4798D5



D58447

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.



8E9750



4798D5



C8805D

Square

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



4798D5



CD779D



AF8C4D



31A387

Rectangle

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



4798D5



A784C5



AF8C4D



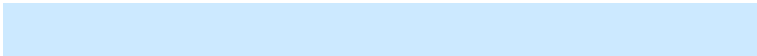
749D5D

Sweetspot

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



4798D5



CCE9FF



47D582



617280



000000



808080

Same Dimension

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



4798D5



33A7FF



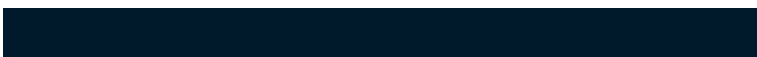
4753D5



60666B



0061AB



00192B

Inverse Universe

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



D54798



FF33A7



D5C947



6B6066



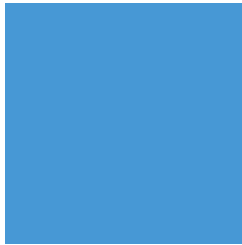
AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 4798D5 looks on a white background.

Color Contrast Check

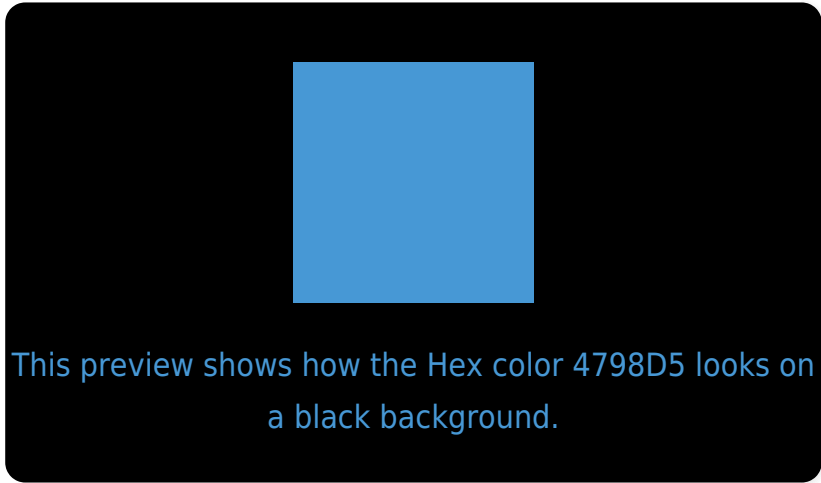
Large Text (above 18pt) WCAG AA ✓ Pass

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

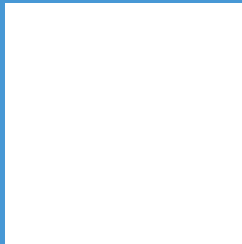
Any Text WCAG AAA × Fail

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

Hex 4798D5 Background



This preview shows how black text looks on a background with the Hex color 4798D5.

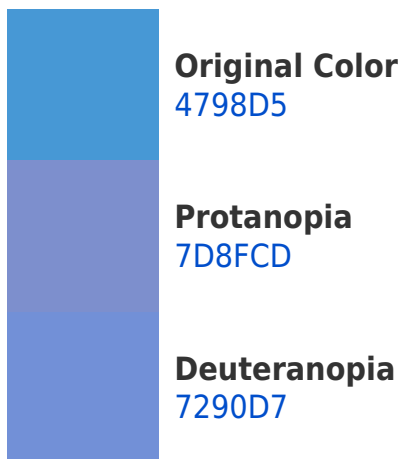


This preview shows how white text looks on a background with the Hex color 4798D5.

Color Blindness Simulation

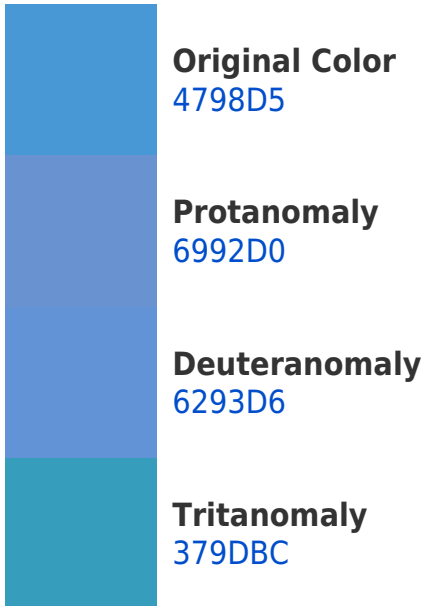
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

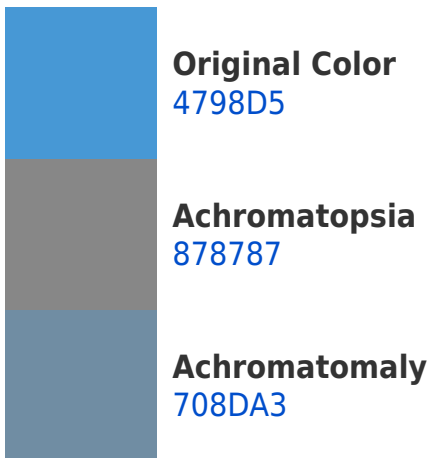




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4798D5 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 #4798D5 looks like.

```
.text, #text, p{  
    color:#4798D5  
}
```

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 #4798D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4798D5
}
```

Border

The CSS property to change the border of an element to Hex 4798D5 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
#4798D5 }
```

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

```
.border{ border-color:#4798D5 }
```

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

Here you see how a box with a 4 pixel #4798D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4798D5; -webkit-box-shadow:4px 4px  
4px 4px #4798D5; box-shadow:4px 4px 4px  
4px #4798D5 }
```

Background

The CSS property to change the background color of an element to Hex 4798D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4798D5 }
```

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

```
.background{ background-color:#4798D5 }
```

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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