

Converting Colors

Hex(4783C3)

Have a look what the booklet for
Hex(4783C3) contains.

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Color

Hex(4783C3)

Conversions

Conversions Part 1

Format	Color
Hex	4783C3
RGB	71, 131, 195
RGB Percent	28%, 51%, 76%
CMY	0.7216, 0.4863, 0.2353
CMYK	0.64, 0.33, 0.00, 0.24
HSL	211°, 51%, 52%
HSV	211°, 64%, 76%
XYZ	20.5652, 21.5123, 54.6982
YIQ	120.3560, -56.3040, 7.1840

Conversions

Conversions Part 2

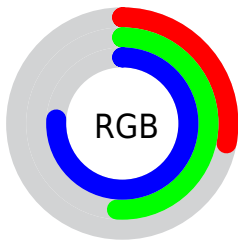
Format	Color
R_{YB}	71, 111, 195
Decimal	4686787
CIE Lab	53.51, 0.58, -39.15
CIE LCh	54, 39.156, 270.844
Yxy	21.5123, 0.2125, 0.2223
Android (android.graphics.Color)	4282876867 (0xFF4783C3)
YUV	120.3560, 36.7995, -43.2852
Hunter-Lab	46.3814, -2.0218, -37.4545

Details

The Hex color **4783C3** 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 **C38747**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **82B8FC**, and **00528D** is the 20% darker color. If you saturate the color by 10%, you get **3379C3**, and if you desaturate by 10%, it is **5B8DC3**.

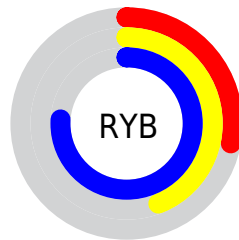
Distribution



Red (28%)

Green (51%)

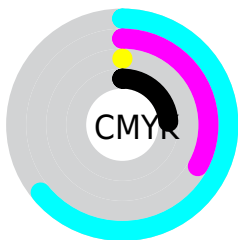
Blue (76%)



Red (28%)

Yellow (44%)

Blue (76%)

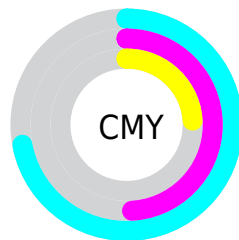


Cyan (64%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4783C3 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 4783C3 by changing the saturation by 10% instead.

■ 4783C3

■ 4783C3

FFFFFF

■ 246AA8

■ 82B8FC

■ 00528D

■ 9FD3FF

■ 003B73

■ BCF0FF

■ 00265A

■ DAFFFF

■ 001142

■ F7FFFF

■ 00032B

■ 000116

■ 000000

■ 4783C3

■ 4783C3

■ 3379C3

■ 5B8DC3

■ 206FC3

■ 6E97C3

■ 0C65C3

■ 82A1C3

■ 005EC3

■ 95ABC3

■ A9B5C3

■ BCBFC3

■ CFC9C3

■ E3D4C3

■ F6DEC3

Harmonies

Analogous

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



008CBA



4783C3



8477BA

Triad

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



4783C3



BE675F



468E5E

Complementary

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



4783C3



C38747

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.



718844



4783C3



AE7245

Square

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



4783C3



BE6480



937E3A



009180

Rectangle

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



4783C3



A06EAB



937E3A



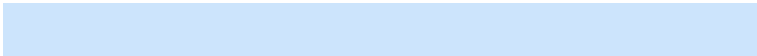
558D54

Sweetspot

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



4783C3



CCE4FC



47C385



627080



000000



808080

Same Dimension

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



4783C3



3D99FC



4747C3



575C61



004EA1



001021

Inverse Universe

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



C34783



FC3D99



C3C347



61575C



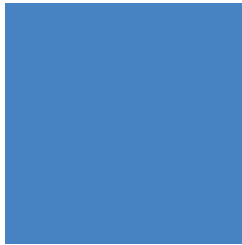
A1004E



210010

Previews

White Background



This preview shows how the Hex color 4783C3 looks on a white background.

Color Contrast Check

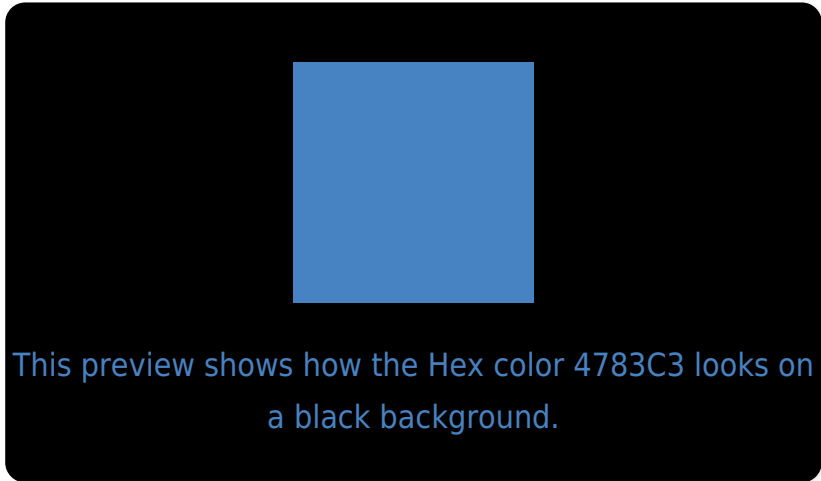
Large Text (above 18pt) WCAG AA ✓ Pass

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

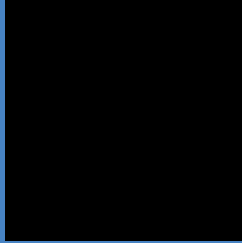
Any Text WCAG AA ✓ Pass

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 4783C3 Background



This preview shows how black text looks on a background with the Hex color 4783C3.

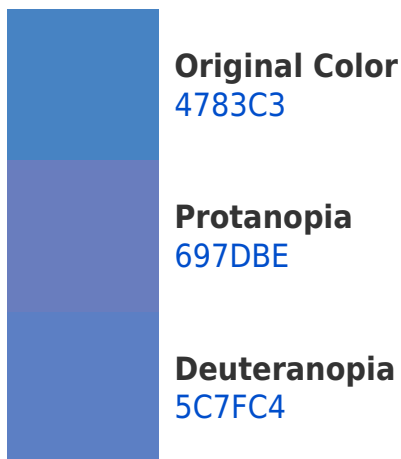


This preview shows how white text looks on a background with the Hex color 4783C3.

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](#).

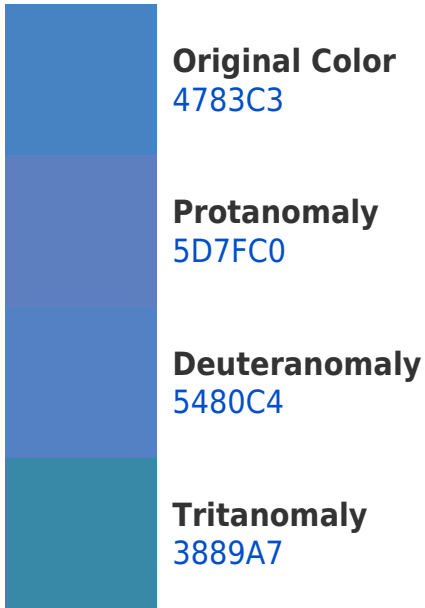
Dichromacy



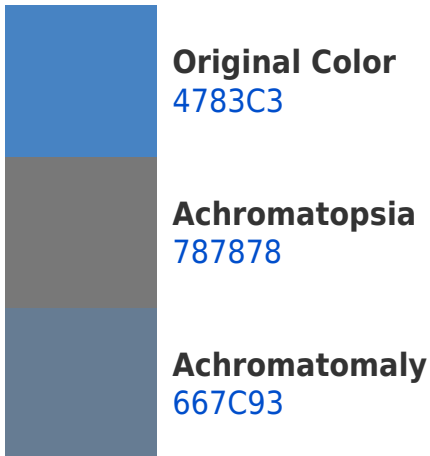


Tritanopia
308C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4783C3 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 #4783C3 looks like.

```
.text, #text, p{  
    color:#4783C3  
}
```

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 #4783C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4783C3
}
```

Border

The CSS property to change the border of an element to Hex 4783C3 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
#4783C3 }
```

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

```
.border{ border-color:#4783C3 }
```

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

Here you see how a box with a 4 pixel #4783C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4783C3; -webkit-box-shadow:4px 4px  
4px 4px #4783C3; box-shadow:4px 4px 4px  
4px #4783C3 }
```

Background

The CSS property to change the background color of an element to Hex 4783C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4783C3 }
```

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

```
.background{ background-color:#4783C3 }
```

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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