

Converting Colors

Hex(4B79D0)

Have a look what the booklet for
Hex(4B79D0) contains.

Hex(4B79D0)	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(4B79D0)

Conversions

Conversions Part 1

Format	Color
Hex	4B79D0
RGB	75, 121, 208
RGB Percent	29%, 47%, 82%
CMY	0.7059, 0.5255, 0.1843
CMYK	0.64, 0.42, 0.00, 0.18
HSL	219°, 59%, 55%
HSV	219°, 64%, 82%
XYZ	21.1242, 19.7247, 62.3684
YIQ	117.1640, -55.3430, 17.3050

Conversions

Conversions Part 2

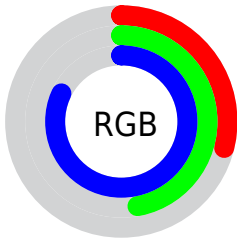
Format	Color
R_{YB}	75, 109, 208
Decimal	4946384
CIE _{Lab}	51.52, 11.81, -49.68
CIE _{LCh}	52, 51.062, 283.376
Yxy	19.7247, 0.2047, 0.1911
Android (android.graphics.Color)	4283136464 (0xFF4B79D0)
YUV	117.1640, 44.7821, -36.9778
Hunter-Lab	44.4125, 7.1793, -52.1722

Details

The Hex color **4B79D0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D0A24B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **87ADFF**, and **004999** is the 20% darker color. If you saturate the color by 10%, you get **366BD0**, and if you desaturate by 10%, it is **6087D0**.

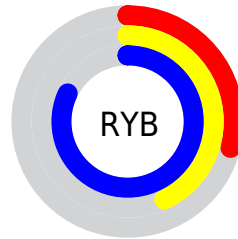
Distribution



Red (29%)

Green (47%)

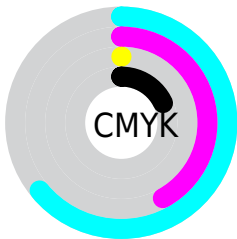
Blue (82%)



Red (29%)

Yellow (43%)

Blue (82%)

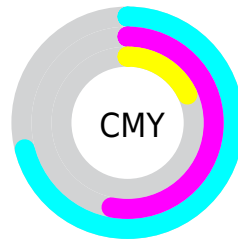


Cyan (64%)

Magenta (42%)

Yellow (0%)

Black (18%)



Cyan (71%)

Magenta (53%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B79D0 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 4B79D0 by changing the saturation by 10% instead.

■ 4B79D0

■ 4B79D0

FFFFFF

■ 2761B4

■ 87ADFF

■ 004999

■ A5C8FF

■ 00337F

■ C2E4FF

■ 001F65

■ E0FFFF

■ 00064D

FEFFFF

■ 000535

■ 00021F

■ 000001

■ 000000

■ 4B79D0

■ 4B79D0

■ 366BD0

■ 6087D0

■ 215ED0

■ 7594D0

■ 0D50D0

■ 89A2D0

■ 0048D0

■ 9EAFD0

■ B3BDD0

■ C8CBD0

■ DDD8D0

■ F1E6D0

■ FFF3D0

Harmonies

Analogous

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



0086CE



4B79D0



9667BB

Triad

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



4B79D0



C15E41



008E60

Complementary

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



4B79D0



D0A24B

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.



4E8937



4B79D0



A67022

Square

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



4B79D0



CA5269



7F7F1C



00908E

Rectangle

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



4B79D0



B45BA3



7F7F1C



118D52

Sweetspot

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



4B79D0



CFDFFF



4BD0A1



626C80



000000



808080

Same Dimension

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



4B79D0



3B7FFF



5F4BD0



5E6269



003AA8



000E29

Inverse Universe

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



D04B79



FF3B7F



BCD04B



695E62



A8003A



29000E

Previews

White Background



This preview shows how the Hex color 4B79D0 looks on a white background.

Color Contrast Check

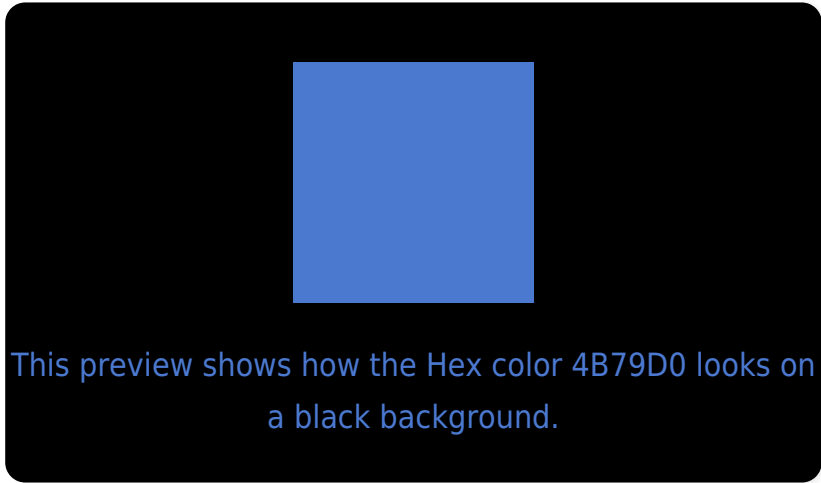
Large Text (above 18pt) WCAG AA ✓ Pass

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

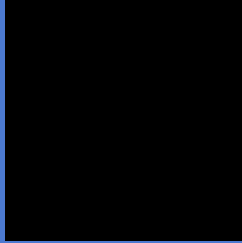
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

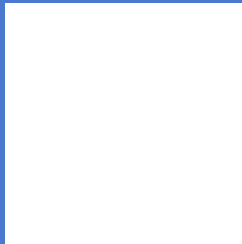
Any Text WCAG AAA × Fail

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

Hex 4B79D0 Background



This preview shows how black text looks on a background with the Hex color 4B79D0.



This preview shows how white text looks on a background with the Hex color 4B79D0.

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](#).

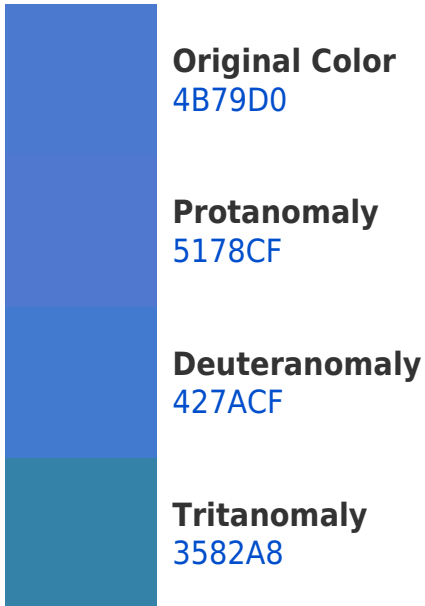
Dichromacy



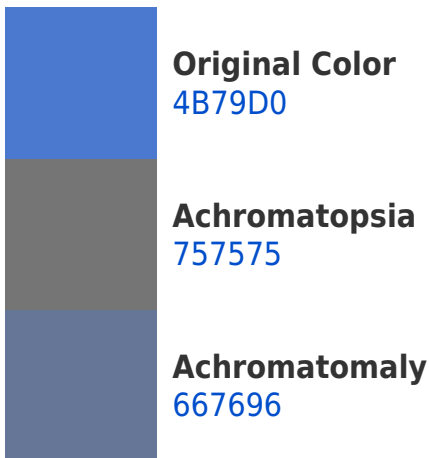


Tritanopia
288791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B79D0 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 #4B79D0 looks like.

```
.text, #text, p{  
    color:#4B79D0  
}
```

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 #4B79D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B79D0
}
```

Border

The CSS property to change the border of an element to Hex 4B79D0 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
#4B79D0 }
```

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

```
.border{ border-color:#4B79D0 }
```

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

Here you see how a box with a 4 pixel #4B79D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B79D0; -webkit-box-shadow:4px 4px  
4px 4px #4B79D0; box-shadow:4px 4px 4px  
4px #4B79D0 }
```

Background

The CSS property to change the background color of an element to Hex 4B79D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B79D0 }
```

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

```
.background{ background-color:#4B79D0 }
```

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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