

Converting Colors

Hex(4A77D8)

Have a look what the booklet for
Hex(4A77D8) contains.

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Color

Hex(4A77D8)

Conversions

Conversions Part 1

Format	Color
Hex	4A77D8
RGB	74, 119, 216
RGB Percent	29%, 47%, 85%
CMY	0.7098, 0.5333, 0.1529
CMYK	0.66, 0.45, 0.00, 0.15
HSL	221°, 65%, 57%
HSV	221°, 66%, 85%
XYZ	21.8155, 19.6074, 67.6005
YIQ	116.6030, -57.9570, 20.6270

Conversions

Conversions Part 2

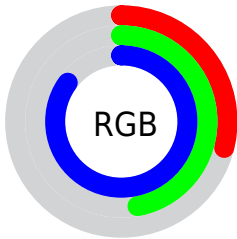
Format	Color
R_{YB}	74, 108, 216
Decimal	4880344
CIE _{Lab}	51.39, 15.66, -54.43
CIE _{LCh}	51, 56.636, 286.050
Yxy	19.6074, 0.2001, 0.1798
Android (android.graphics.Color)	4283070424 (0xFF4A77D8)
YUV	116.6030, 49.0027, -37.3628
Hunter-Lab	44.2802, 10.4513, -59.5192

Details

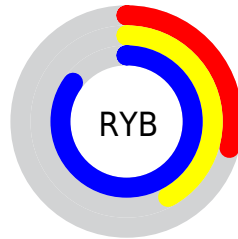
The Hex color **4A77D8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D8AB4A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **88ABFF**, and **0047A0** is the 20% darker color. If you saturate the color by 10%, you get **3468D8**, and if you desaturate by 10%, it is **6086D8**.

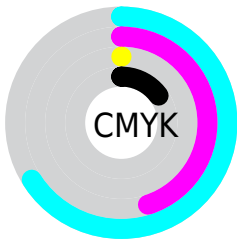
Distribution



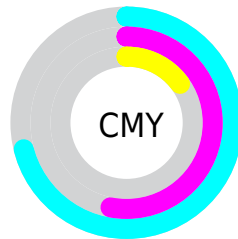
- Red (29%)
- Green (47%)
- Blue (85%)



- Red (29%)
- Yellow (42%)
- Blue (85%)



- Cyan (66%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A77D8 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 4A77D8 by changing the saturation by 10% instead.

■ 4A77D8

■ 4A77D8

FFFFFF

■ 245FBC

■ 88ABFF

■ 0047A0

■ A6C6FF

■ 003286

■ C3E2FF

■ 001E6C

■ E1FEFF

■ 000453

■ 00063B

■ 000224

■ 00000C

■ 000000

 4A77D8

 4A77D8

 3468D8

 6086D8

 1F59D8

 7595D8

 094BD8

 8BA3D8

 0044D8

 A0B2D8

 B6C1D8

 CCD0D8

 E1DED8

 F7EDD8

 FFFCD8

Harmonies

Analogous

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



0086D9



4A77D8



9D62BE

Triad

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



4A77D8



C45C36



009061

Complementary

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



4A77D8



D8AB4A

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.



408A32



4A77D8



A5700F

Square

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



4A77D8



D14B63



7A8009



009194

Rectangle

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



4A77D8



BC54A3



7A8009



008E51

Sweetspot

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



4A77D8



CCDCFF



4AD8A9



616B80



000000



808080

Same Dimension

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



4A77D8



3675FF



624AD8



60646B



0036AB



000E2B

Inverse Universe

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



D84A77



FF3675



C0D84A



6B6064



AB0036



2B000E

Previews

White Background



This preview shows how the Hex color 4A77D8 looks on a white background.

Color Contrast Check

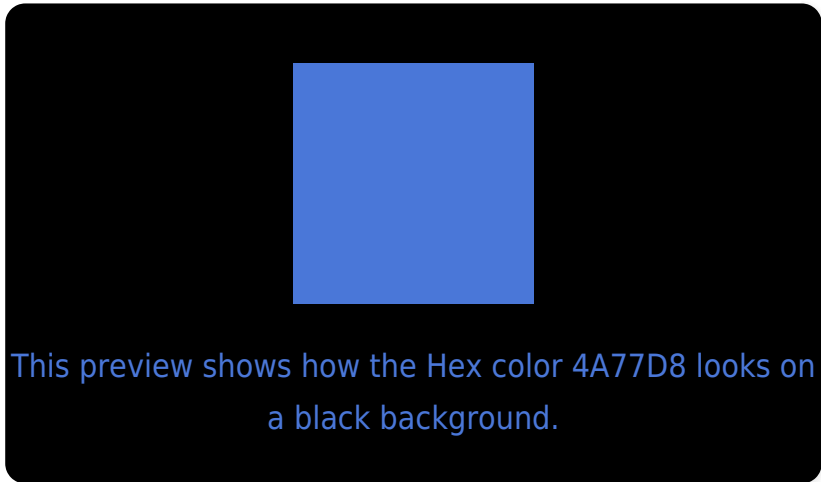
Large Text (above 18pt) WCAG AA ✓ Pass

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

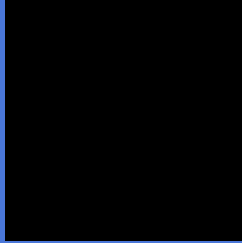
Any Text WCAG AA ✓ Pass

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 4A77D8 Background



This preview shows how black text looks on a background with the Hex color 4A77D8.

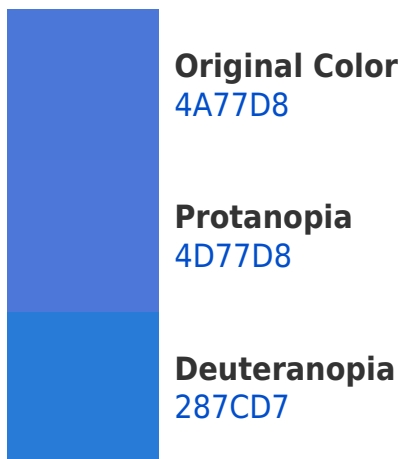


This preview shows how white text looks on a background with the Hex color 4A77D8.

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](#).

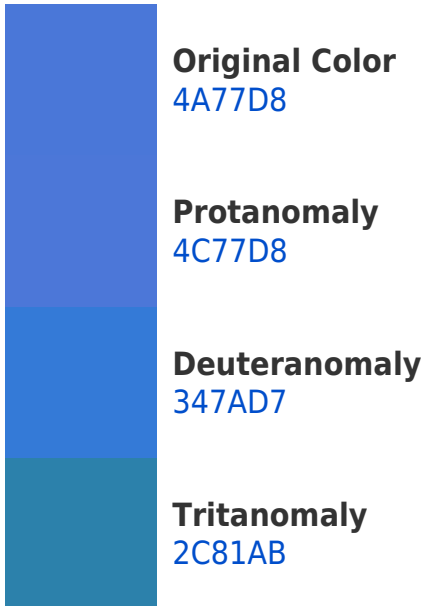
Dichromacy



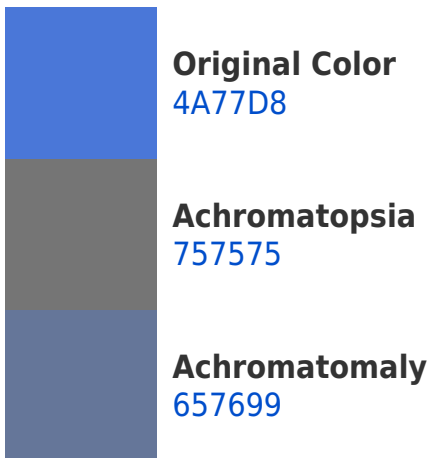


Tritanopia
1B8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A77D8 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 #4A77D8 looks like.

```
.text, #text, p{  
    color:#4A77D8  
}
```

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 #4A77D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A77D8
}
```

Border

The CSS property to change the border of an element to Hex 4A77D8 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
#4A77D8 }
```

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

```
.border{ border-color:#4A77D8 }
```

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

Here you see how a box with a 4 pixel #4A77D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A77D8; -webkit-box-shadow:4px 4px  
4px 4px #4A77D8; box-shadow:4px 4px 4px  
4px #4A77D8 }
```

Background

The CSS property to change the background color of an element to Hex 4A77D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A77D8 }
```

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

```
.background{ background-color:#4A77D8 }
```

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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