

# Converting Colors

Hex(4A77E8)

Have a look what the booklet for  
Hex(4A77E8) contains.

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# Color

Hex(4A77E8)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 4A77E8                      |
| RGB         | 74, 119, 232                |
| RGB Percent | 29%, 47%, 91%               |
| CMY         | 0.7098, 0.5333, 0.0902      |
| CMYK        | 0.68, 0.49, 0.00, 0.09      |
| HSL         | 223°, 77%, 60%              |
| HSV         | 223°, 68%, 91%              |
| XYZ         | 23.9864, 20.4757, 79.0319   |
| YIQ         | 118.4270, -63.0930, 25.6030 |

# Conversions

## Conversions Part 2

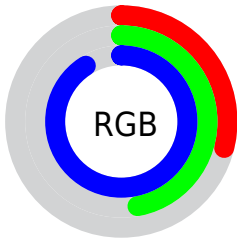
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 74, 109, 232                   |
| Decimal                             | 4880360                        |
| CIE <sub>Lab</sub>                  | 52.37, 21.27, -61.86           |
| CIE <sub>LCh</sub>                  | 52, 65.413, 288.973            |
| Yxy                                 | 20.4757, 0.1942,<br>0.1658     |
| Android<br>(android.graphics.Color) | 4283070440<br>(0xFF4A77E8)     |
| YUV                                 | 118.4270, 55.9915,<br>-38.9625 |
| Hunter-Lab                          | 45.2501, 15.4324,<br>-71.8784  |

# Details

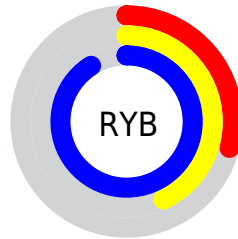
The Hex color **4A77E8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E8BB4A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8AABFF**, and **0048AF** is the 20% darker color. If you saturate the color by 10%, you get **3366E8**, and if you desaturate by 10%, it is **6188E8**.

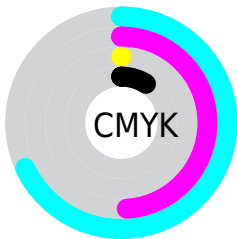
# Distribution



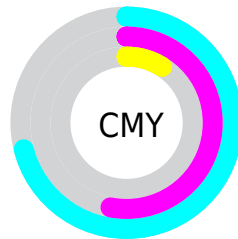
- Red (29%)
- Green (47%)
- Blue (91%)



- Red (29%)
- Yellow (43%)
- Blue (91%)



- Cyan (68%)
- Magenta (49%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (53%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A77E8 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 4A77E8 by changing the saturation by 10% instead.



 4A77E8

 4A77E8

FFFFFF

 1F5FCB

 8AABFF

 0048AF

 A9C6FF

 003294

 C7E2FF

 001E7A

 E6FEFF

 000760

 000847

 000430

 00011A

 000000

■ 4A77E8

■ 4A77E8

■ 3366E8

■ 6188E8

■ 1C56E8

■ 7898E8

■ 0445E8

■ 90A9E8

■ 0042E8

■ A7B9E8

■ BECAE8

■ D5DBE8

■ ECEBE8

■ FFFCE8

■ FFFF E8

# Harmonies

## Analogous

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



008AEC



4A77E8



AB5CC7

# Triad

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



4A77E8



CD5A28



009566

# Complementary

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



4A77E8



E8BB4A

# 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.



27902C



4A77E8



A87300

# Square

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



4A77E8



DF425C



758500



0096A0

# Rectangle

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



4A77E8



CC4AA6



758500



009452



# Sweetspot

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



4A77E8



CCDBFF



4AE8B9



616A80



000000



808080



# Same Dimension

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



4A77E8



2E69FF



6A4AE8



676B73



0033B3



000F33



# Inverse Universe

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



E84A77



FF2E69



C8E84A



73676B



B30033



33000F



# Previews

## White Background



This preview shows how the Hex color 4A77E8 looks on a white background.

## Color Contrast Check

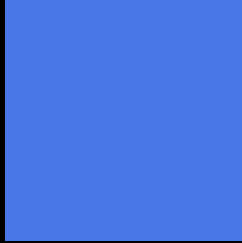
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A77E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

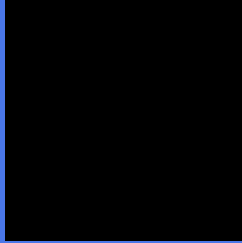
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A77E8 Background



This preview shows how black text looks on a background with the Hex color 4A77E8.



This preview shows how white text looks on a background with the Hex color 4A77E8.

# 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



**Original Color**  
4A77E8

**Protanopia**  
3F78E9

**Deuteranopia**  
007FDF

# Trichromacy



**Original Color**  
4A77E8

**Protanomaly**  
4378E9

**Deuteranomaly**  
1B7CE2

# Monochromacy



**Original Color**  
4A77E8

**Achromatopsia**  
767676

**Achromatomaly**  
66769F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A77E8 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 #4A77E8 looks like.

```
.text, #text, p{  
    color:#4A77E8  
}
```

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 #4A77E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A77E8
}
```

## Border

The CSS property to change the border of an element to Hex 4A77E8 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
#4A77E8 }
```

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

```
.border{ border-color:#4A77E8 }
```

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

Here you see how a box with a 4 pixel #4A77E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A77E8; -webkit-box-shadow:4px 4px  
4px 4px #4A77E8; box-shadow:4px 4px 4px  
4px #4A77E8 }
```

# Background

The CSS property to change the background color of an element to Hex 4A77E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A77E8 }
```

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

```
.background{ background-color:#4A77E8 }
```

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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