

# Converting Colors

Hex(4478EC)

Have a look what the booklet for  
Hex(4478EC) contains.

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# Color

Hex(4478EC)

# Conversions

## Conversions Part 1

Format	Color
Hex	4478EC
RGB	68, 120, 236
RGB Percent	27%, 47%, 93%
CMY	0.7333, 0.5294, 0.0745
CMYK	0.71, 0.49, 0.00, 0.07
HSL	221°, 82%, 60%
HSV	221°, 71%, 93%
XYZ	24.2407, 20.7180, 82.0782
YIQ	117.6760, -68.2280, 25.0520

# Conversions

## Conversions Part 2

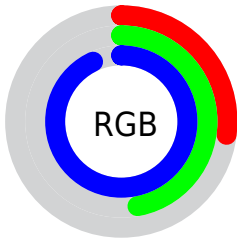
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	68, 108, 236
Decimal	4487404
CIE <sub>Lab</sub>	52.64, 21.22, -63.68
CIE <sub>LCh</sub>	53, 67.120, 288.433
Yxy	20.7180, 0.1908, 0.1631
Android (android.graphics.Color)	4282677484 (0xFF4478EC)
YUV	117.6760, 58.3337, -43.5659
Hunter-Lab	45.5170, 15.4076, -75.0523

# Details

The Hex color **4478EC** 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 **ECB844**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **87ACFF**, and **0049B3** is the 20% darker color. If you saturate the color by 10%, you get **2C68EC**, and if you desaturate by 10%, it is **5C88EC**.

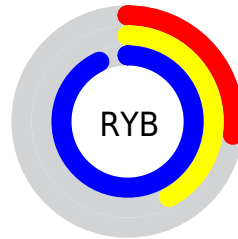
# Distribution



Red (27%)

Green (47%)

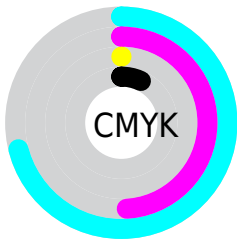
Blue (93%)



Red (27%)

Yellow (42%)

Blue (93%)

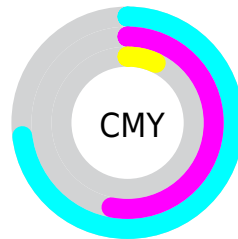


Cyan (71%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4478EC 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 4478EC by changing the saturation by 10% instead.



 4478EC

 4478EC

FFFFFF

 0E60CF

 87ACFF

 0049B3

 A6C7FF

 003398

 C4E3FF

 00207D

 E3FFFF

 000964

 00094B

 000433

 00021D

 000000

■ 4478EC

■ 4478EC

■ 2C68EC

■ 5C88EC

■ 1557EC

■ 7399EC

■ 0049EC

■ 8BA9EC

■ A2B9EC

■ BAC9EC

■ D2DAEC

■ E9EAEC

■ FFFAEC

■ FFFFEC

# Harmonies

## Analogous

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



008BEF



4478EC



AB5CCB

# Triad

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



4478EC



D05927



009665

# Complementary

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



4478EC



ECB844

# 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.



269129



4478EC



AA7300

# Square

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



4478EC



E3405D



768600



0098A1

# Rectangle

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



4478EC



CE49A9



768600



009551



# Sweetspot

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



4478EC



C9DAFF



44ECB7



606980



000000



808080



# Same Dimension

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



4478EC



2669FF



6344EC



6A6D75



0038B5



001136



# Inverse Universe

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



EC4478



FF2669



CDEC44



756A6D



B50038



360011



# Previews

## White Background



This preview shows how the Hex color 4478EC looks on a white background.

## Color Contrast Check

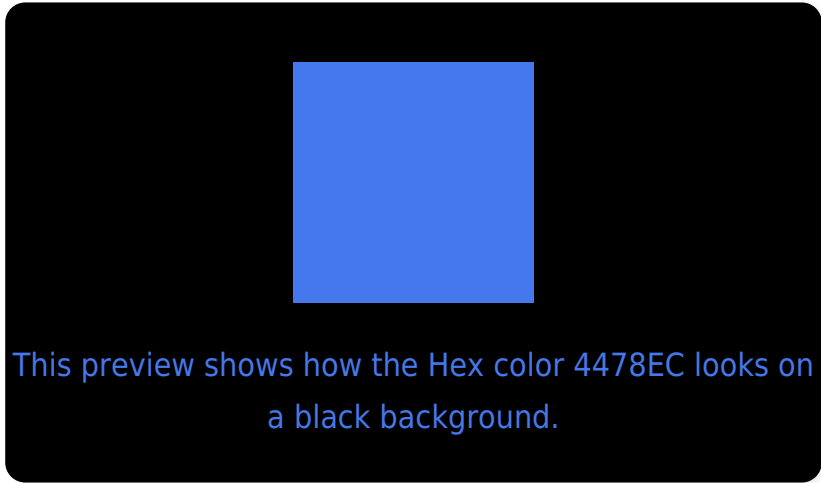
Large Text (above 18pt) WCAG AA ✓ Pass

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

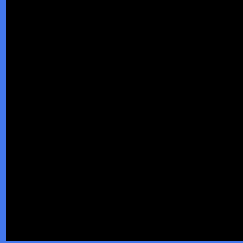
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4478EC Background



This preview shows how black text looks on a background with the Hex color 4478EC.

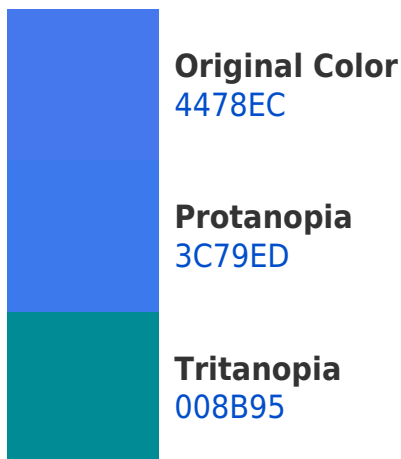


This preview shows how white text looks on a background with the Hex color 4478EC.

# 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



**Original Color**  
4478EC

**Protanomaly**  
3F79ED

**Tritanomaly**  
1984B5

# Monochromacy



**Original Color**  
4478EC

**Achromatopsia**  
767676

**Achromatomaly**  
6477A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4478EC 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 #4478EC looks like.

```
.text, #text, p{  
    color:#4478EC  
}
```

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 #4478EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4478EC
}
```

## Border

The CSS property to change the border of an element to Hex 4478EC 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
#4478EC }
```

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

```
.border{ border-color:#4478EC }
```

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

Here you see how a box with a 4 pixel #4478EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4478EC; -webkit-box-shadow:4px 4px  
4px 4px #4478EC; box-shadow:4px 4px 4px  
4px #4478EC }
```

# Background

The CSS property to change the background color of an element to Hex 4478EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4478EC }
```

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

```
.background{ background-color:#4478EC }
```

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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