

Converting Colors

Hex(478CEB)

Have a look what the booklet for
Hex(478CEB) contains.

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Color

Hex(478CEB)

Conversions

Conversions Part 1

Format	Color
Hex	478CEB
RGB	71, 140, 235
RGB Percent	28%, 55%, 92%
CMY	0.7216, 0.4510, 0.0784
CMYK	0.70, 0.40, 0.00, 0.08
HSL	215°, 80%, 60%
HSV	215°, 70%, 92%
XYZ	26.9720, 26.0939, 82.2123
YIQ	130.1990, -71.6190, 14.9170

Conversions

Conversions Part 2

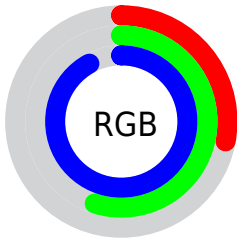
Format	Color
R_{YB}	71, 120, 235
Decimal	4689131
CIE _{Lab}	58.13, 9.06, -54.32
CIE _{LCh}	58, 55.066, 279.471
Yxy	26.0939, 0.1994, 0.1929
Android (android.graphics.Color)	4282879211 (0xFF478CEB)
YUV	130.1990, 51.6669, -51.9175
Hunter-Lab	51.0822, 4.8563, -59.6645

Details

The Hex color **478CEB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **EBA647**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **88C1FF**, and **005BB3** is the 20% darker color. If you saturate the color by 10%, you get **307EEB**, and if you desaturate by 10%, it is **5E9AEB**.

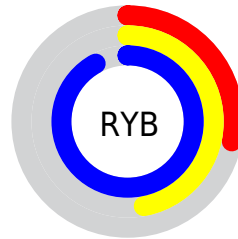
Distribution



Red (28%)

Green (55%)

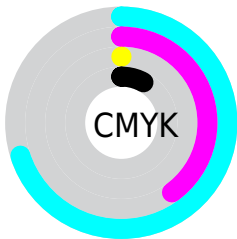
Blue (92%)



Red (28%)

Yellow (47%)

Blue (92%)

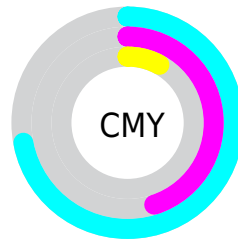


Cyan (70%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Hex color 478CEB 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 478CEB by changing the saturation by 10% instead.

 478CEB

 478CEB

FFFFFF

 1873CE

 88C1FF

 005BB3

 A7DDFF

 004497

 C5F9FF

 002F7D

 E4FFFF

 001B63

 00084B

 000433

 00021D

 000000

 478CEB

 478CEB

 307EEB

 5E9AEB

 1871EB

 76A7EB

 0063EB

 8DB5EB

 A5C2EB

 BCD0EB

 D4DEEB

 ECEBEB

 FFF9EB

 FFFFEB

Harmonies

Analogous

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



009AE6



478CEB



A278D7

Triad

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



478CEB



DC6A51



00A168

Complementary

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



478CEB



EBA647

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.



639A3C



478CEB



C07D2E

Square

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



478CEB



E45F7E



978E23



00A39A

Rectangle

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



478CEB



C56BBD



978E23



2E9F58

Sweetspot

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



478CEB



C9E0FF



47EBA4



606D80



000000



808080

Same Dimension

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



478CEB



2983FF



5247EB



6A6F75



004CB5



001736

Inverse Universe

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



EB478C



FF2983



E0EB47



756A6F



B5004C



360017

Previews

White Background



This preview shows how the Hex color 478CEB looks on a white background.

Color Contrast Check

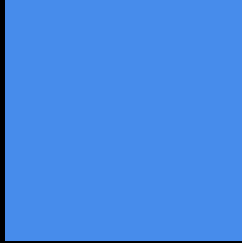
Large Text (above 18pt) WCAG AA ✓ Pass

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 478CEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

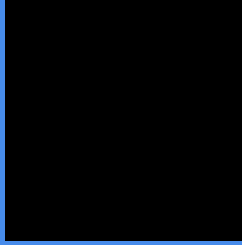
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

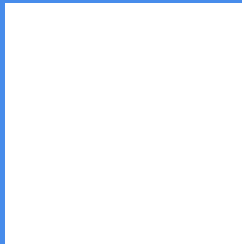
Any Text WCAG AAA × Fail

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

Hex 478CEB Background



This preview shows how black text looks on a background with the Hex color 478CEB.



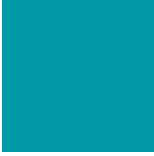
This preview shows how white text looks on a background with the Hex color 478CEB.

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](#).

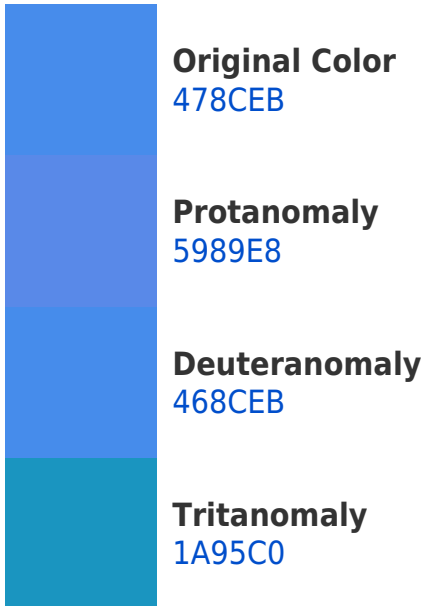
Dichromacy



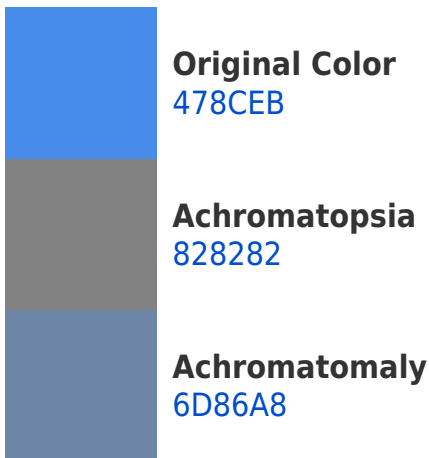


Tritanopia
009AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 478CEB 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 #478CEB looks like.

```
.text, #text, p{  
    color:#478CEB  
}
```

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 #478CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478CEB
}
```

Border

The CSS property to change the border of an element to Hex 478CEB 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
#478CEB }
```

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

```
.border{ border-color:#478CEB }
```

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

Here you see how a box with a 4 pixel #478CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478CEB; -webkit-box-shadow:4px 4px  
4px 4px #478CEB; box-shadow:4px 4px 4px  
4px #478CEB }
```

Background

The CSS property to change the background color of an element to Hex 478CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478CEB }
```

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

```
.background{ background-color:#478CEB }
```

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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