

Converting Colors

Hex(4C88E4)

Have a look what the booklet for
Hex(4C88E4) contains.

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Color

Hex(4C88E4)

Conversions

Conversions Part 1

Format	Color
Hex	4C88E4
RGB	76, 136, 228
RGB Percent	30%, 53%, 89%
CMY	0.7020, 0.4667, 0.1059
CMYK	0.67, 0.40, 0.00, 0.11
HSL	216°, 74%, 60%
HSV	216°, 67%, 89%
XYZ	25.7882, 24.7463, 76.8161
YIQ	128.5480, -65.2920, 15.8920

Conversions

Conversions Part 2

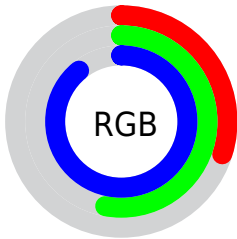
Format	Color
R_{YB}	76, 119, 228
Decimal	5015780
CIE _{Lab}	56.83, 9.78, -52.48
CIE _{LCh}	57, 53.383, 280.557
Yxy	24.7463, 0.2025, 0.1943
Android (android.graphics.Color)	4283205860 (0xFF4C88E4)
YUV	128.5480, 49.0298, -46.0846
Hunter-Lab	49.7456, 5.4800, -56.7324

Details

The Hex color **4C88E4** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **E4A84C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8BBDFF**, and **0057AC** is the 20% darker color. If you saturate the color by 10%, you get **357AE4**, and if you desaturate by 10%, it is **6396E4**.

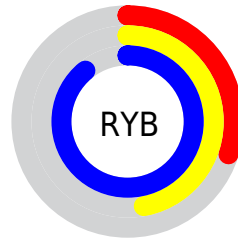
Distribution



Red (30%)

Green (53%)

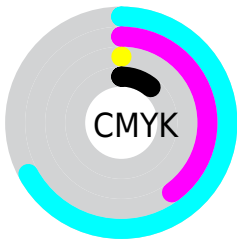
Blue (89%)



Red (30%)

Yellow (47%)

Blue (89%)

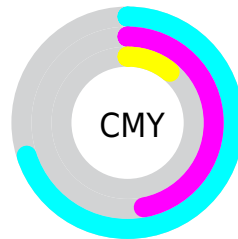


Cyan (67%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (70%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C88E4 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 4C88E4 by changing the saturation by 10% instead.

 4C88E4

 4C88E4

FFFFFF

 246FC8

 8BBDFE

 0057AC

 A9D8FF

 004091

 C7F5FF

 002B77

 E5FFFF

 00185D

 000845

 00042E

 000118

 000000

■ 4C88E4

■ 4C88E4

■ 357AE4

■ 6396E4

■ 1E6CE4

■ 7AA4E4

■ 085FE4

■ 90B1E4

■ 005AE4

■ A7BFE4

■ BECDE4

■ D5DBE4

■ ECE9E4

■ FFF6E4

■ FFFFE4

Harmonies

Analogous

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



0096E0



4C88E4



A075CF

Triad

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



4C88E4



D5694E



009D68

Complementary

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



4C88E4



E4A84C

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.



5F973D



4C88E4



BA7B2D

Square

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



4C88E4



DD5D7A



928B24



009F98

Rectangle

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



4C88E4



C168B7



928B24



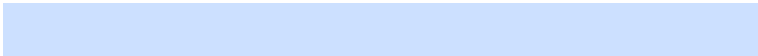
2B9B58

Sweetspot

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



4C88E4



CCE0FF



4CE4A7



616D80



000000



808080

Same Dimension

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



4C88E4



3384FF



5B4CE4



676C73



0046B3



001433

Inverse Universe

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



E44C88



FF3384



D5E44C



73676C



B30046



330014

Previews

White Background



This preview shows how the Hex color 4C88E4 looks on a white background.

Color Contrast Check

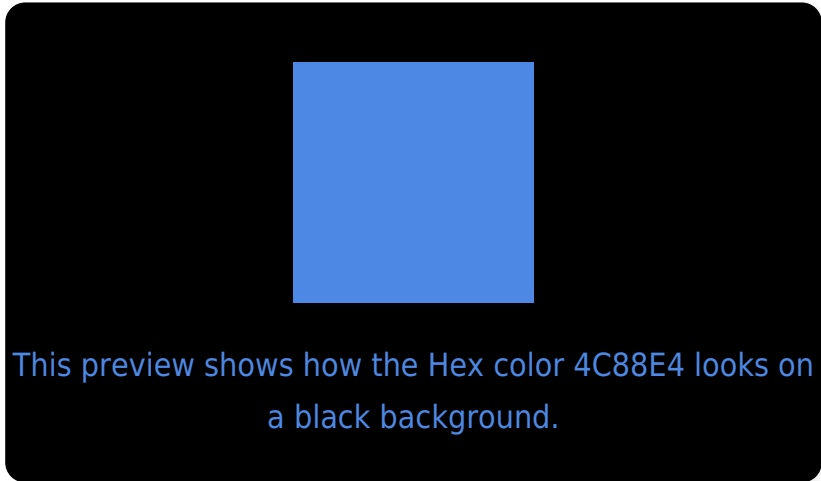
Large Text (above 18pt) WCAG AA ✓ Pass

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

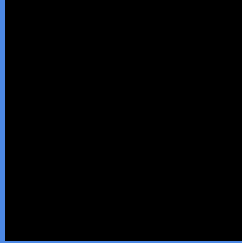
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

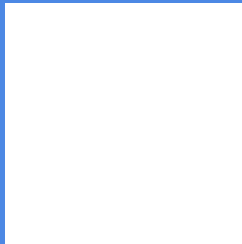
Any Text WCAG AAA × Fail

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

Hex 4C88E4 Background



This preview shows how black text looks on a background with the Hex color 4C88E4.



This preview shows how white text looks on a background with the Hex color 4C88E4.

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



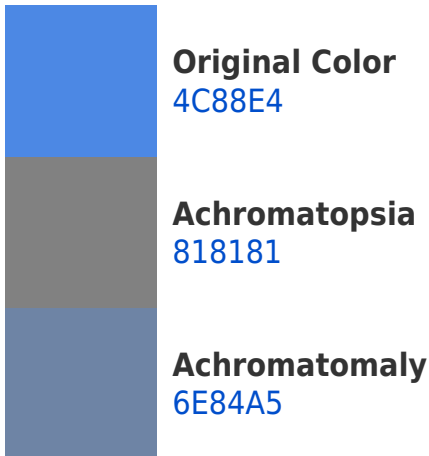


Tritanopia
1F96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C88E4 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 #4C88E4 looks like.

```
.text, #text, p{  
    color:#4C88E4  
}
```

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 #4C88E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C88E4
}
```

Border

The CSS property to change the border of an element to Hex 4C88E4 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
#4C88E4 }
```

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

```
.border{ border-color:#4C88E4 }
```

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

Here you see how a box with a 4 pixel #4C88E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C88E4; -webkit-box-shadow:4px 4px  
4px 4px #4C88E4; box-shadow:4px 4px 4px  
4px #4C88E4 }
```

Background

The CSS property to change the background color of an element to Hex 4C88E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C88E4 }
```

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

```
.background{ background-color:#4C88E4 }
```

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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