

Converting Colors

Hex(4185CB)

Have a look what the booklet for
Hex(4185CB) contains.

Hex(4185CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4185CB)

Conversions

Conversions Part 1

Format	Color
Hex	4185CB
RGB	65, 133, 203
RGB Percent	25%, 52%, 80%
CMY	0.7451, 0.4784, 0.2039
CMYK	0.68, 0.34, 0.00, 0.20
HSL	210°, 57%, 53%
HSV	210°, 68%, 80%
XYZ	21.3470, 22.2107, 59.6619
YIQ	120.6480, -62.9980, 7.3540

Conversions

Conversions Part 2

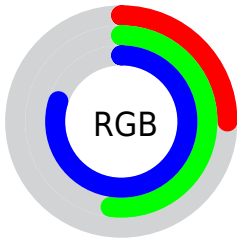
Format	Color
R _Y B	65, 111, 203
Decimal	4294091
CIE Lab	54.25, 1.13, -42.54
CIE LCh	54, 42.554, 271.516
Yxy	22.2107, 0.2068, 0.2152
Android (android.graphics.Color)	4282484171 (0xFF4185CB)
YUV	120.6480, 40.5995, -48.8033
Hunter-Lab	47.1282, -1.6217, -42.0684

Details

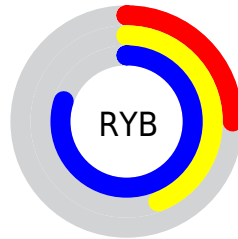
The Hex color **4185CB** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CB8741**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7FB AFF**, and **005494** is the 20% darker color. If you saturate the color by 10%, you get **2D7BCB**, and if you desaturate by 10%, it is **558FCB**.

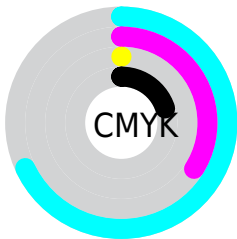
Distribution



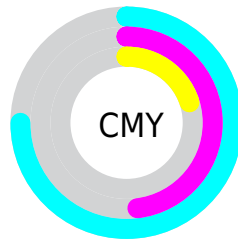
- Red (25%)
- Green (52%)
- Blue (80%)



- Red (25%)
- Yellow (44%)
- Blue (80%)



- Cyan (68%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (75%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4185CB 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 4185CB by changing the saturation by 10% instead.

■ 4185CB

■ 4185CB

FFFFFF

■ 176CAF

■ 7FBAFF

■ 005494

■ 9CD5FF

■ 003D7A

■ BAF2FF

■ 002861

■ D7FFFF

■ 001449

■ F5FFFF

■ 000432

■ 00011C

■ 000000

■ 4185CB

■ 4185CB

■ 2D7BCB

■ 558FCB

■ 1870CB

■ 6A9ACB

■ 0466CB

■ 7EA4CB

■ 0064CB

■ 92AECB

■ A7B8CB

■ BBC3CB

■ CFCDCB

■ E3D7CB

■ F8E2CB

Harmonies

Analogous

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



008FC2



4185CB



8677C1

Triad

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



4185CB



C4675D



3F915D

Complementary

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



4185CB



CB8741

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.



708B40



4185CB



B37341

Square

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



4185CB



C56281



958035



009482

Rectangle

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



4185CB



A56EB0



958035



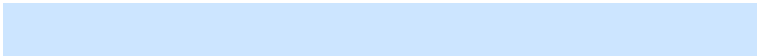
519052

Sweetspot

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



4185CB



CCE5FF



41CB86



617080



000000



808080

Same Dimension

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



4185CB



2E95FF



4141CB



5C6166



0052A6



001326

Inverse Universe

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



CB4185



FF2E95



CBCB41



665C61



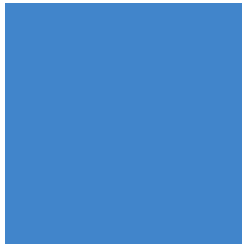
A60052



260013

Previews

White Background



This preview shows how the Hex color 4185CB looks on a white background.

Color Contrast Check

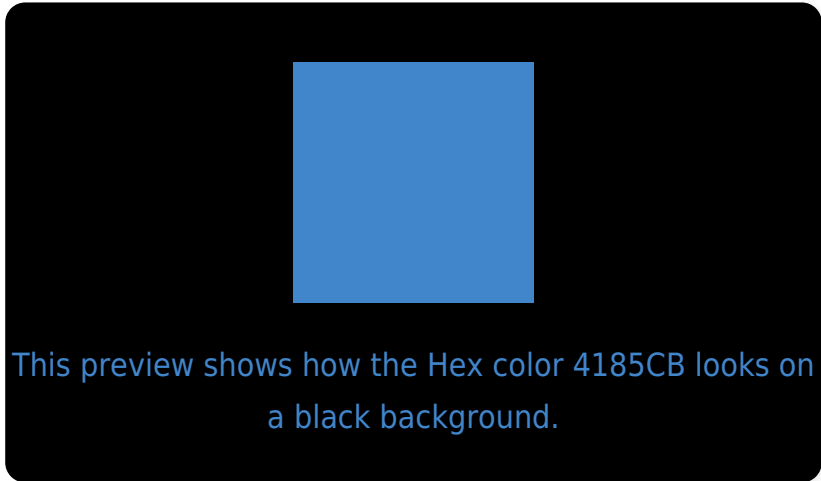
Large Text (above 18pt) WCAG AA ✓ Pass

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

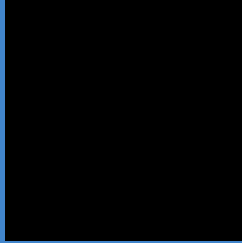
Any Text WCAG AA ✓ Pass

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 4185CB Background



This preview shows how black text looks on a background with the Hex color 4185CB.

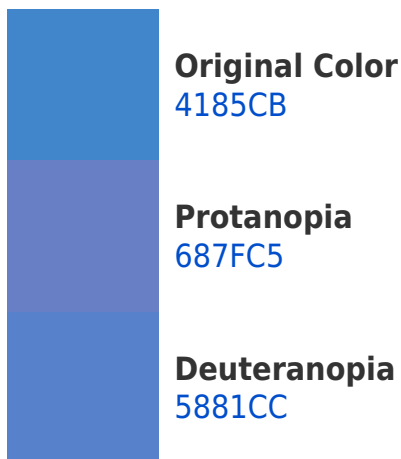


This preview shows how white text looks on a background with the Hex color 4185CB.

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](#).

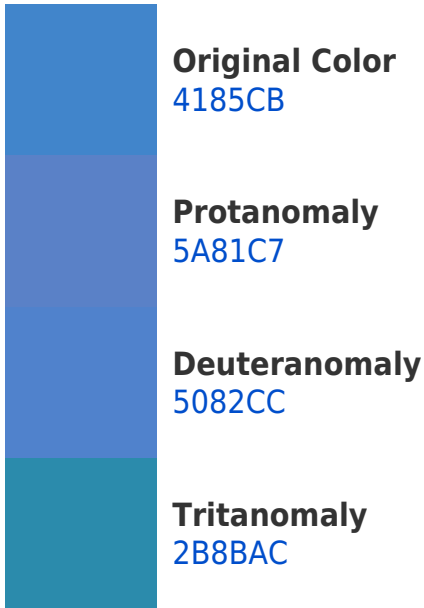
Dichromacy



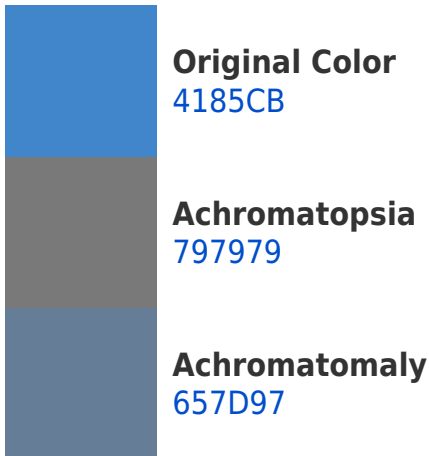


Tritanopia
1F8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4185CB 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 #4185CB looks like.

```
.text, #text, p{  
    color:#4185CB  
}
```

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 #4185CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4185CB
}
```

Border

The CSS property to change the border of an element to Hex 4185CB 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
#4185CB }
```

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

```
.border{ border-color:#4185CB }
```

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

Here you see how a box with a 4 pixel #4185CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4185CB; -webkit-box-shadow:4px 4px  
4px 4px #4185CB; box-shadow:4px 4px 4px  
4px #4185CB }
```

Background

The CSS property to change the background color of an element to Hex 4185CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4185CB }
```

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

```
.background{ background-color:#4185CB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor