

Converting Colors

Hex(0085CB)

Have a look what the booklet for
Hex(0085CB) contains.

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Color

Hex(0085CB)

Conversions

Conversions Part 1

Format	Color
Hex	0085CB
RGB	0, 133, 203
RGB Percent	0%, 52%, 80%
CMY	1.0000, 0.4784, 0.2039
CMYK	1.00, 0.34, 0.00, 0.20
HSL	201°, 100%, 40%
HSV	201°, 100%, 80%
XYZ	19.1670, 21.0869, 59.5599
YIQ	101.2130, -101.7380, -6.4260

Conversions

Conversions Part 2

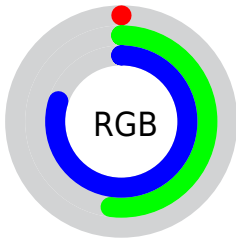
Format	Color
RYB	0, 80, 203
Decimal	34251
CIELab	53.04, -4.40, -44.52
CIElCh	53, 44.741, 264.359
Yxy	21.0869, 0.1920, 0.2113
Android (android.graphics.Color)	4278224331 (0xFF0085CB)
YUV	101.2130, 50.1810, -88.7638
Hunter-Lab	45.9204, -5.8555, -44.7562

Details

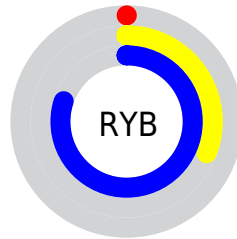
The Hex color **0085CB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CB4600**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **62BAFF**, and **005494** is the 20% darker color. If you saturate the color by 10%, you get **0085CB**, and if you desaturate by 10%, it is **148CCB**.

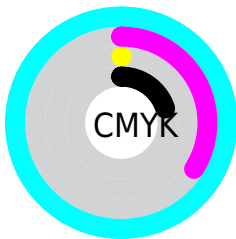
Distribution



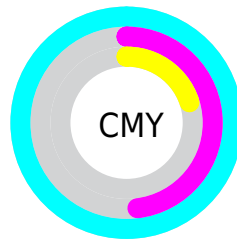
- Red (0%)
- Green (52%)
- Blue (80%)



- Red (0%)
- Yellow (31%)
- Blue (80%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0085CB 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 0085CB by changing the saturation by 10% instead.

 0085CB

 0085CB

FFFFFF

 006CAF

 62BAFF

 005494

 82D5FF

 003D7A

 A1F2FF

 002861

 C0FFFF

 001449

 DEFFFF

 000431

FDFFFF

 00011C

 000000

 0085CB

 148CCB

 2993CB

 3D9ACB

 51A1CB

 66A8CB

 7AAFCB

 8EB6CB

 A2BDCB

 B7C4CB

Harmonies

Analogous

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



008EBC



0085CB



7577C5

Triad

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



0085CB



C56061



468E50

Complementary

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



0085CB



CB4600

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.



758635



0085CB



B76C41

Square

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



0085CB



C15E88



9B7A2F



009176

Rectangle

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



0085CB



996DB6



9B7A2F



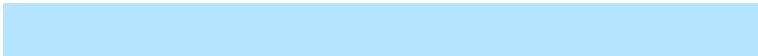
588B45

Sweetspot

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



0085CB



B3E5FF



00CB44



527080



000000



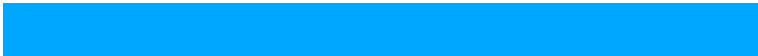
808080

Same Dimension

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



0085CB



00A7FF



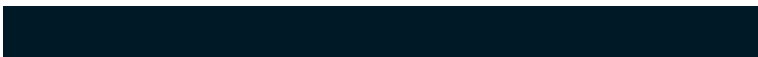
0022CB



5C6266



006DA6



001926

Inverse Universe

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



CB0085



FF00A7



CBA900



665C62



A6006D



260019

Previews

White Background



This preview shows how the Hex color 0085CB 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 0085CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

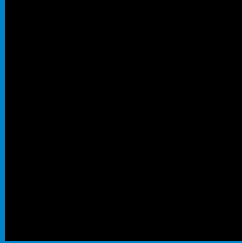
Any Text WCAG AA ✓ Pass

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 0085CB Background



This preview shows how black text looks on a background with the Hex color 0085CB.

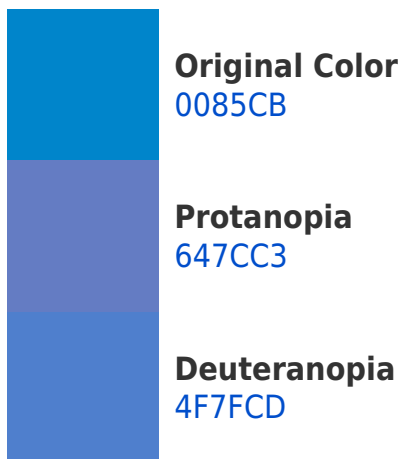


This preview shows how white text looks on a background with the Hex color 0085CB.

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](#).

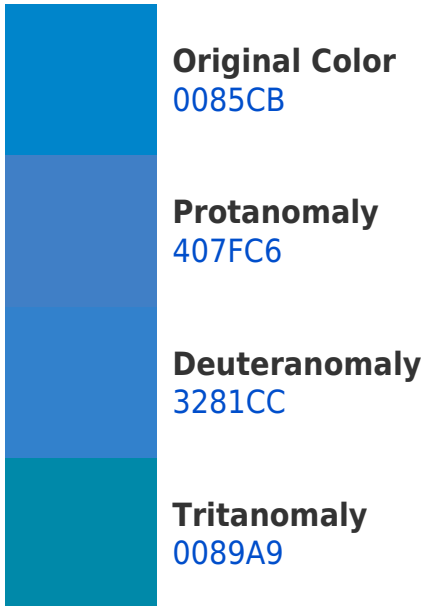
Dichromacy



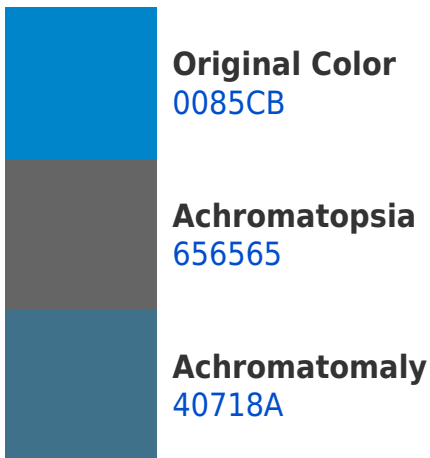


Tritanopia
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0085CB 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 #0085CB looks like.

```
.text, #text, p{  
    color:#0085CB  
}
```

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 #0085CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0085CB
}
```

Border

The CSS property to change the border of an element to Hex 0085CB 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
#0085CB }
```

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

```
.border{ border-color:#0085CB }
```

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

Here you see how a box with a 4 pixel #0085CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0085CB; -webkit-box-shadow:4px 4px  
4px 4px #0085CB; box-shadow:4px 4px 4px  
4px #0085CB }
```

Background

The CSS property to change the background color of an element to Hex 0085CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0085CB }
```

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

```
.background{ background-color:#0085CB }
```

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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