

# Converting Colors

Hex(0085D5)

Have a look what the booklet for  
Hex(0085D5) contains.

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# Color

Hex(0085D5)

# Conversions

## Conversions Part 1

Format	Color
Hex	0085D5
RGB	0, 133, 213
RGB Percent	0%, 52%, 84%
CMY	1.0000, 0.4784, 0.1647
CMYK	1.00, 0.38, 0.00, 0.16
HSL	203°, 100%, 42%
HSV	203°, 100%, 84%
XYZ	20.3978, 21.5792, 66.0409
YIQ	102.3530, -104.9480, -3.3160

# Conversions

## Conversions Part 2

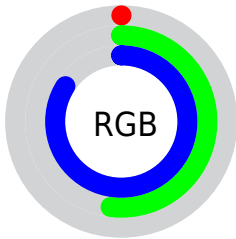
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 213
Decimal	34261
CIELab	53.58, -0.55, -49.33
CIELCh	54, 49.338, 269.362
Yxy	21.5792, 0.1888, 0.1998
Android (android.graphics.Color)	4278224341 (0xFF0085D5)
YUV	102.3530, 54.5490, -89.7636
Hunter-Lab	46.4534, -2.9137, -51.7729

# Details

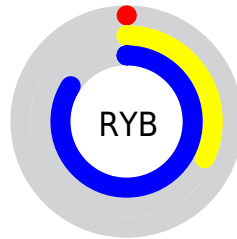
The Hex color **0085D5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D55000**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **65BAFF**, and **00549E** is the 20% darker color. If you saturate the color by 10%, you get **0085D5**, and if you desaturate by 10%, it is **158DD5**.

# Distribution



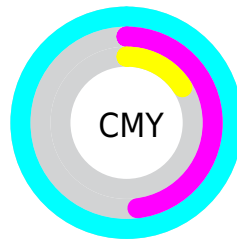
- Red (0%)
- Green (52%)
- Blue (84%)



- Red (0%)
- Yellow (32%)
- Blue (84%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (48%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0085D5 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 0085D5 by changing the saturation by 10% instead.



0085D5

0085D5

FFFFFF

006CB9

65BAFF

00549E

85D5FF

003E83

A4F2FF

00296A

C3FFFF

001451

E2FFFF

000539

000223

000009

000000

 0085D5

 158DD5

 2B95D5

 409DD5

 55A5D5

 6BADD5

 80B5D5

 95BDD5

 AAC5D5

 C0CDD5

# Harmonies

## Analogous

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



008FC9



0085D5



7F75CA

# Triad

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



0085D5



CC5E59



319153

# Complementary

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



0085D5



D55000

# 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.



6D8A31



0085D5



B96D36

# Square

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



0085D5



CB5983



987E25



00957E

# Rectangle

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



0085D5



A569B8



987E25



4A8F46

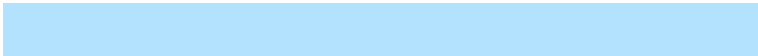


# Sweetspot

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



0085D5



B3E2FF



00D54E



526E80



000000



808080

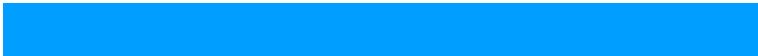


# Same Dimension

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



0085D5



009FFF



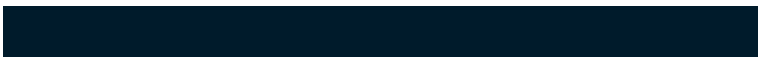
001CD5



60676B



006BAB



001B2B



# Inverse Universe

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



D50085



FF009F



D5B900



6B6067



AB006B



2B001B



# Previews

## White Background



This preview shows how the Hex color 0085D5 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 0085D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

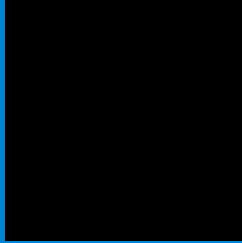
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0085D5 Background



This preview shows how black text looks on a background with the Hex color 0085D5.

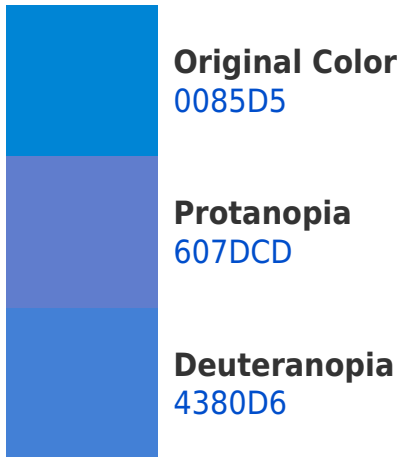


This preview shows how white text looks on a background with the Hex color 0085D5.

# 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](#).

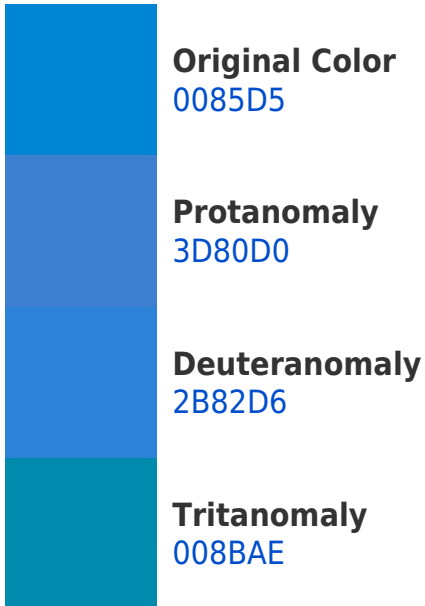
## Dichromacy





**Tritanopia**  
008E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0085D5 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 #0085D5 looks like.

```
.text, #text, p{  
    color:#0085D5  
}
```

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 #0085D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0085D5
}
```

## Border

The CSS property to change the border of an element to Hex 0085D5 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
#0085D5 }
```

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

```
.border{ border-color:#0085D5 }
```

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

Here you see how a box with a 4 pixel #0085D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0085D5; -webkit-box-shadow:4px 4px  
4px 4px #0085D5; box-shadow:4px 4px 4px  
4px #0085D5 }
```

# Background

The CSS property to change the background color of an element to Hex 0085D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0085D5 }
```

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

```
.background{ background-color:#0085D5 }
```

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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