

Converting Colors

Hex(0085D6)

Have a look what the booklet for
Hex(0085D6) contains.

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Color

Hex(0085D6)

Conversions

Conversions Part 1

Format	Color
Hex	0085D6
RGB	0, 133, 214
RGB Percent	0%, 52%, 84%
CMY	1.0000, 0.4784, 0.1608
CMYK	1.00, 0.38, 0.00, 0.16
HSL	203°, 100%, 42%
HSV	203°, 100%, 84%
XYZ	20.5251, 21.6301, 66.7116
YIQ	102.4670, -105.2690, -3.0050

Conversions

Conversions Part 2

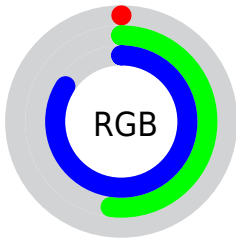
Format	Color
RYB	0, 82, 214
Decimal	34262
CIELab	53.63, -0.16, -49.81
CIELCh	54, 49.812, 269.812
Yxy	21.6301, 0.1885, 0.1987
Android (android.graphics.Color)	4278224342 (0xFF0085D6)
YUV	102.4670, 54.9858, -89.8636
Hunter-Lab	46.5082, -2.6131, -52.4902

Details

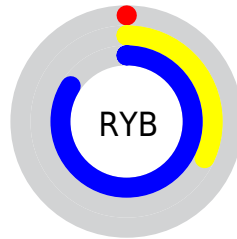
The Hex color **0085D6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D65100**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **65BAFF**, and **00549F** is the 20% darker color. If you saturate the color by 10%, you get **0085D6**, and if you desaturate by 10%, it is **158DD6**.

Distribution



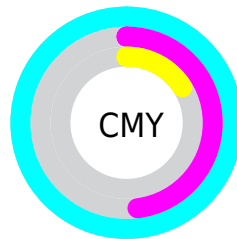
- Red (0%)
- Green (52%)
- Blue (84%)



- 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 0085D6 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 0085D6 by changing the saturation by 10% instead.

 0085D6

 0085D6

FFFFFF

 006CBA

 65BAFF

 00549F

 86D5FF

 003E84

 A5F2FF

 00296A

 C4FFFF

 001452

 E2FFFF

 00053A

 000223

 00000B

 000000

 0085D6

 158DD6

 2B95D6

 409DD6

 56A5D6

 6BAED6

 80B6D6

 96BED6

 ABC6D6

 C1CED6

Harmonies

Analogous

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



0090CA



0085D6



8075CB

Triad

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



0085D6



CC5E58



2F9253

Complementary

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



0085D6



D65100

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.



6C8A30



0085D6



B96E35

Square

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



0085D6



CC5982



977E23



00957F

Rectangle

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



0085D6



A669B8



977E23



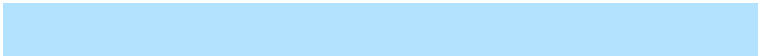
489046

Sweetspot

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



0085D6



B3E2FF



00D64E



526E80



000000



808080

Same Dimension

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



0085D6



009EFF



001DD6



60676B



006AAB



001B2B

Inverse Universe

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



D60085



FF009E



D6B900



6B6067



AB006A



2B001B

Previews

White Background



This preview shows how the Hex color 0085D6 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 0085D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

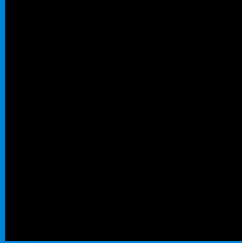
Any Text WCAG AA ✓ Pass

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 0085D6 Background



This preview shows how black text looks on a background with the Hex color 0085D6.

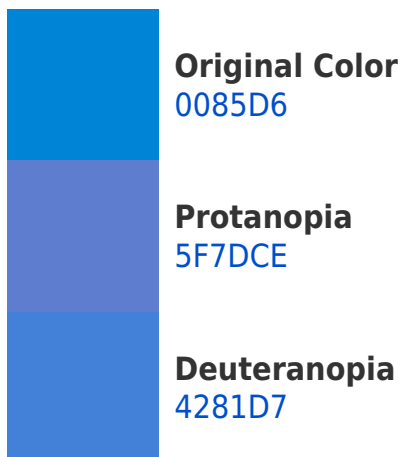


This preview shows how white text looks on a background with the Hex color 0085D6.

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](#).

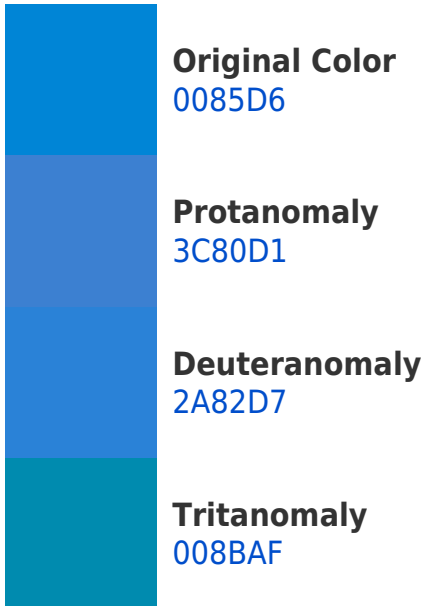
Dichromacy





Tritanopia
008E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0085D6 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 #0085D6 looks like.

```
.text, #text, p{  
    color:#0085D6  
}
```

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 #0085D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0085D6
}
```

Border

The CSS property to change the border of an element to Hex 0085D6 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
#0085D6 }
```

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

```
.border{ border-color:#0085D6 }
```

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

Here you see how a box with a 4 pixel #0085D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0085D6; -webkit-box-shadow:4px 4px  
4px 4px #0085D6; box-shadow:4px 4px 4px  
4px #0085D6 }
```

Background

The CSS property to change the background color of an element to Hex 0085D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0085D6 }
```

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

```
.background{ background-color:#0085D6 }
```

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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