

Converting Colors

Hex(0083DD)

Have a look what the booklet for
Hex(0083DD) contains.

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Color

Hex(0083DD)

Conversions

Conversions Part 1

Format	Color
Hex	0083DD
RGB	0, 131, 221
RGB Percent	0%, 51%, 87%
CMY	1.0000, 0.4863, 0.1333
CMYK	1.00, 0.41, 0.00, 0.13
HSL	204°, 100%, 43%
HSV	204°, 100%, 87%
XYZ	21.1674, 21.4531, 71.4318
YIQ	102.0910, -106.9660, 0.2180

Conversions

Conversions Part 2

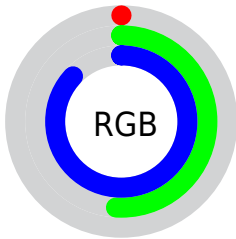
Format	Color
R _Y B	0, 82, 221
Decimal	33757
CIE Lab	53.44, 3.75, -54.06
CIE LCh	53, 54.186, 273.973
Yxy	21.4531, 0.1856, 0.1881
Android (android.graphics.Color)	4278223837 (0xFF0083DD)
YUV	102.0910, 58.6221, -89.5338
Hunter-Lab	46.3174, 0.5204, -59.0162

Details

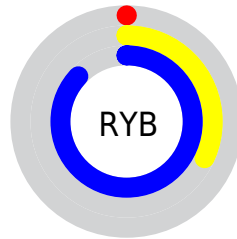
The Hex color **0083DD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DD5A00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **67B7FF**, and **0052A5** is the 20% darker color. If you saturate the color by 10%, you get **0083DD**, and if you desaturate by 10%, it is **168CDD**.

Distribution



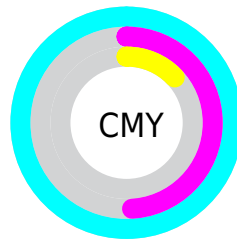
- Red (0%)
- Green (51%)
- Blue (87%)



- Red (0%)
- Yellow (32%)
- Blue (87%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0083DD 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 0083DD by changing the saturation by 10% instead.

 0083DD

 0083DD

FFFFFF

 006AC1

 67B7FF

 0052A5

 88D3FF

 003C8A

 A7EFFF

 002770

 C6FFFF

 001357

 E5FFFF

 00063F

 000328

 000112

 000000

 0083DD

 168CDD

 2C95DD

 429EDD

 58A7DD

 6FB0DD

 85B9DD

 9BC2DD

 B1CBDD

 C7D4DD

Harmonies

Analogous

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



008FD3



0083DD



8971CD

Triad

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



0083DD



CF5C4E



009355

Complementary

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



0083DD



DD5A00

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.



628C2B



0083DD



B86E29

Square

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



0083DD



D3537B



927F16



009685

Rectangle

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



0083DD



AF63B7



927F16



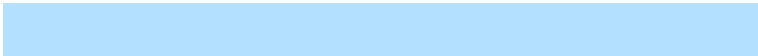
359146

Sweetspot

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



0083DD



B3E0FF



00DD58



526D80



000000



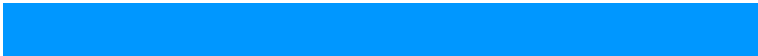
808080

Same Dimension

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



0083DD



0097FF



0016DD



63696E



0067AD



001B2E

Inverse Universe

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



DD0083



FF0097



DDC700



6E6369



AD0067



2E001B

Previews

White Background



This preview shows how the Hex color 0083DD 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 0083DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

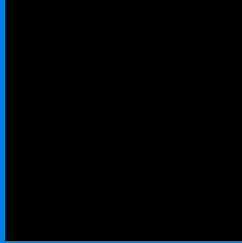
Any Text WCAG AA ✓ Pass

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 0083DD Background



This preview shows how black text looks on a background with the Hex color 0083DD.

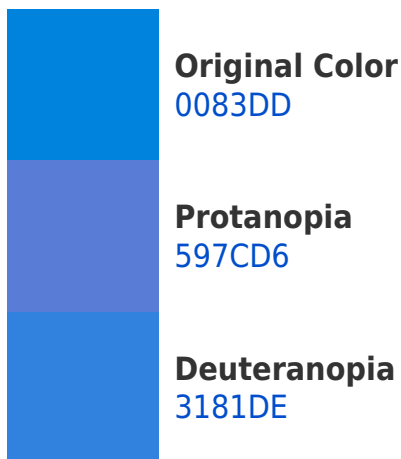


This preview shows how white text looks on a background with the Hex color 0083DD.

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](#).

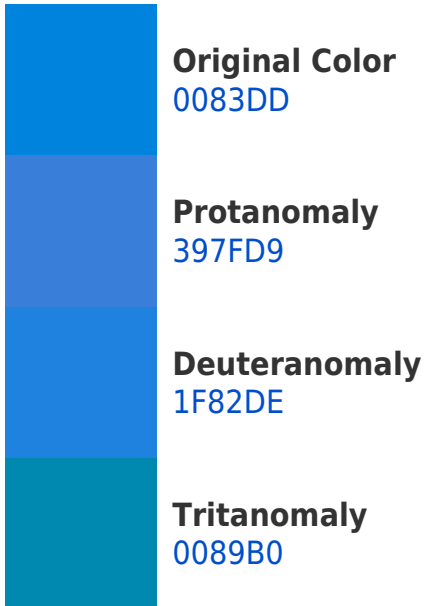
Dichromacy





Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0083DD 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 #0083DD looks like.

```
.text, #text, p{  
    color:#0083DD  
}
```

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 #0083DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0083DD
}
```

Border

The CSS property to change the border of an element to Hex 0083DD 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
#0083DD }
```

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

```
.border{ border-color:#0083DD }
```

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

Here you see how a box with a 4 pixel #0083DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0083DD; -webkit-box-shadow:4px 4px  
4px 4px #0083DD; box-shadow:4px 4px 4px  
4px #0083DD }
```

Background

The CSS property to change the background color of an element to Hex 0083DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0083DD }
```

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

```
.background{ background-color:#0083DD }
```

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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