

Converting Colors

Hex(0180DD)

Have a look what the booklet for
Hex(0180DD) contains.

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Color

Hex(0180DD)

Conversions

Conversions Part 1

Format	Color
Hex	0180DD
RGB	1, 128, 221
RGB Percent	0%, 50%, 87%
CMY	0.9961, 0.4980, 0.1333
CMYK	1.00, 0.42, 0.00, 0.13
HSL	205°, 99%, 44%
HSV	205°, 100%, 87%
XYZ	20.7828, 20.6653, 71.3000
YIQ	100.6290, -105.5450, 1.9990

Conversions

Conversions Part 2

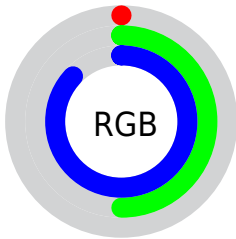
Format	Color
RYB	1, 82, 221
Decimal	98525
CIELab	52.58, 5.62, -55.43
CIElCh	53, 55.717, 275.786
Yxy	20.6653, 0.1843, 0.1833
Android (android.graphics.Color)	4278288605 (0xFF0180DD)
YUV	100.6290, 59.3429, -87.3746
Hunter-Lab	45.4591, 2.0528, -61.1718

Details

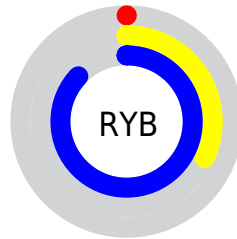
The Hex color **0180DD** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DD5E01**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67B4FF**, and **0050A5** is the 20% darker color. If you saturate the color by 10%, you get **0080DD**, and if you desaturate by 10%, it is **1789DD**.

Distribution



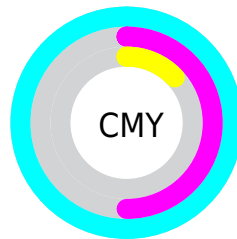
- Red (0%)
- Green (50%)
- Blue (87%)



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



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0180DD 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 0180DD by changing the saturation by 10% instead.

 0180DD

 0180DD

FFFFFF

 0067C1

 67B4FF

 0050A5

 88D0FF

 003A8A

 A7ECFF

 002570

 C6FFFF

 001057

 E5FFFF

 00063F

 000328

 000112

 000000

■ 0180DD

■ 0180DD

■ 0080DD

■ 1789DD

■ 2D93DD

■ 439CDD

■ 59A5DD

■ 70AFDD

■ 86B8DD

■ 9CC1DD

■ B2CBDD

■ C8D4DD

Harmonies

Analogous

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



008DD4



0180DD



8B6DCC

Triad

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



0180DD



CE5948



009154

Complementary

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



0180DD



DD5E01

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.



5B8A28



0180DD



B46C22

Square

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



0180DD



D34E76



8D7E0C



009486

Rectangle

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



0180DD



B15EB4



8D7E0C



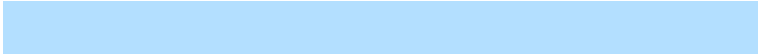
279045

Sweetspot

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



0180DD



B3DFFF



01DD5D



526C80



000000



808080

Same Dimension

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



0180DD



0093FF



0113DD



63696E



0064AD



001A2E

Inverse Universe

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



DD0180



FF0093



DDCB01



6E6369



AD0064



2E001A

Previews

White Background



This preview shows how the Hex color 0180DD 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 0180DD 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 0180DD Background



This preview shows how black text looks on a background with the Hex color 0180DD.

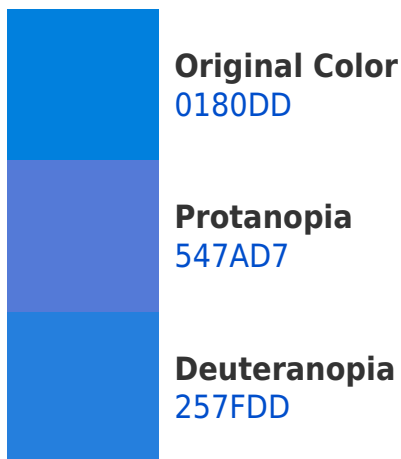


This preview shows how white text looks on a background with the Hex color 0180DD.

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](#).

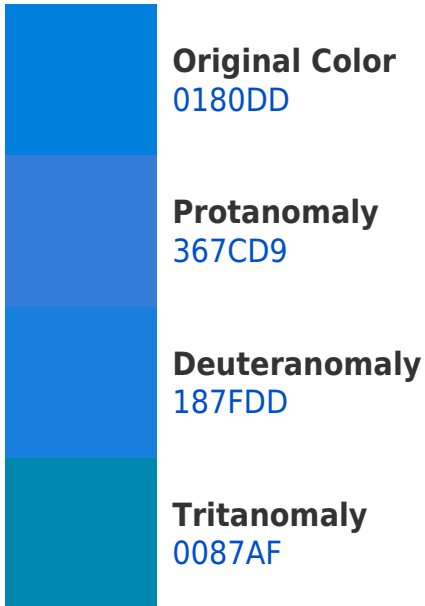
Dichromacy





Tritanopia
008B94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0180DD 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 #0180DD looks like.

```
.text, #text, p{  
    color:#0180DD  
}
```

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 #0180DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0180DD
}
```

Border

The CSS property to change the border of an element to Hex 0180DD 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
#0180DD }
```

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

```
.border{ border-color:#0180DD }
```

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

Here you see how a box with a 4 pixel #0180DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0180DD; -webkit-box-shadow:4px 4px  
4px 4px #0180DD; box-shadow:4px 4px 4px  
4px #0180DD }
```

Background

The CSS property to change the background color of an element to Hex 0180DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0180DD }
```

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

```
.background{ background-color:#0180DD }
```

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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