

Converting Colors

Hex(0081D8)

Have a look what the booklet for
Hex(0081D8) contains.

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Color

Hex(0081D8)

Conversions

Conversions Part 1

Format	Color
Hex	0081D8
RGB	0, 129, 216
RGB Percent	0%, 51%, 85%
CMY	1.0000, 0.4941, 0.1529
CMYK	1.00, 0.40, 0.00, 0.15
HSL	204°, 100%, 42%
HSV	204°, 100%, 85%
XYZ	20.2449, 20.6584, 67.8862
YIQ	100.3470, -104.8110, -0.2910

Conversions

Conversions Part 2

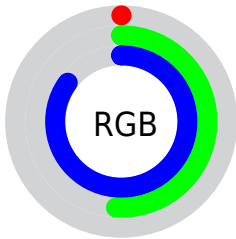
Format	Color
RYB	0, 81, 216
Decimal	33240
CIELab	52.57, 3.03, -52.63
CIELCh	53, 52.715, 273.293
Yxy	20.6584, 0.1861, 0.1899
Android (android.graphics.Color)	4278223320 (0xFF0081D8)
YUV	100.3470, 57.0169, -88.0043
Hunter-Lab	45.4515, -0.0329, -56.7393

Details

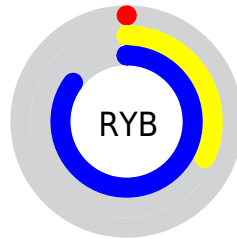
The Hex color **0081D8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D85700**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **66B5FF**, and **0051A1** is the 20% darker color. If you saturate the color by 10%, you get **0081D8**, and if you desaturate by 10%, it is **168AD8**.

Distribution



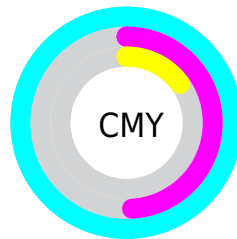
- Red (0%)
- Green (51%)
- Blue (85%)



- Red (0%)
- Yellow (32%)
- Blue (85%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0081D8 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 0081D8 by changing the saturation by 10% instead.

0081D8

0081D8

FFFFFF

0068BC

66B5FF

0051A1

86D1FF

003A86

A5EDFF

00266C

C4FFFF

001153

E3FFFF

00063B

000225

00010D

000000

 0081D8

 168AD8

 2B92D8

 419BD8

 56A4D8

 6CADD8

 82B5D8

 97BED8

 ADC7D8

 C2CFD8

Harmonies

Analogous

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



008DCE



0081D8



856FC9

Triad

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



0081D8



CB5A4E



0A9053

Complementary

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



0081D8



D85700

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.



62892B



0081D8



B56C2A

Square

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



0081D8



CE527A



907D18



009381

Rectangle

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



0081D8



AB62B4



907D18



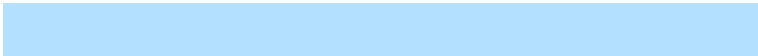
378E44

Sweetspot

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



0081D8



B3E0FF



00D856



526D80



000000



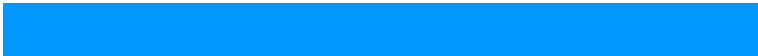
808080

Same Dimension

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



0081D8



0098FF



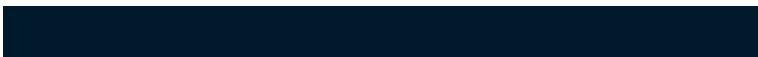
0016D8



60676B



0066AB



001A2B

Inverse Universe

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



D80081



FF0098



D8C200



6B6067



AB0066



2B001A

Previews

White Background



This preview shows how the Hex color 0081D8 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 0081D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

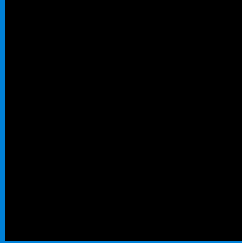
Any Text WCAG AA ✓ Pass

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 0081D8 Background



This preview shows how black text looks on a background with the Hex color 0081D8.

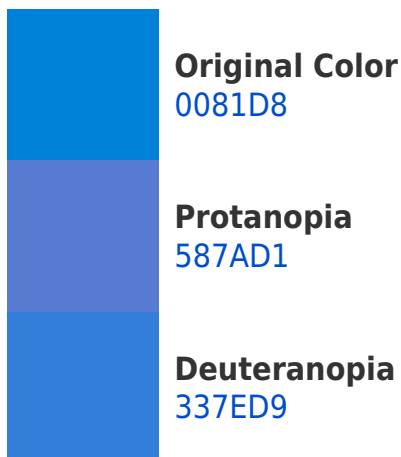


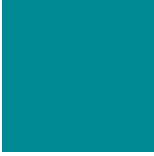
This preview shows how white text looks on a background with the Hex color 0081D8.

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](#).

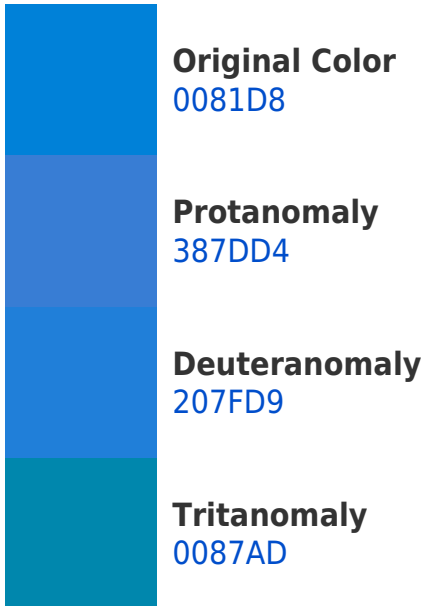
Dichromacy



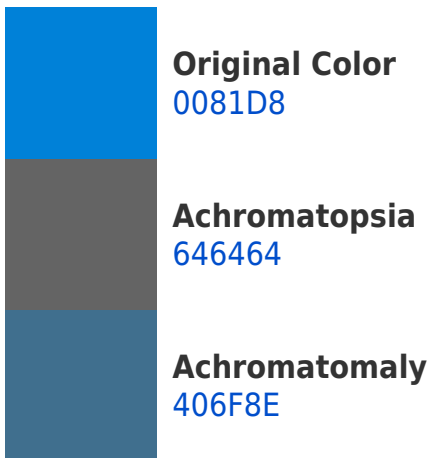


Tritanopia
008B94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0081D8 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 #0081D8 looks like.

```
.text, #text, p{  
    color:#0081D8  
}
```

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 #0081D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081D8
}
```

Border

The CSS property to change the border of an element to Hex 0081D8 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
#0081D8 }
```

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

```
.border{ border-color:#0081D8 }
```

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

Here you see how a box with a 4 pixel #0081D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081D8; -webkit-box-shadow:4px 4px  
4px 4px #0081D8; box-shadow:4px 4px 4px  
4px #0081D8 }
```

Background

The CSS property to change the background color of an element to Hex 0081D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081D8 }
```

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

```
.background{ background-color:#0081D8 }
```

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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