

Converting Colors

Hex(0188D5)

Have a look what the booklet for
Hex(0188D5) contains.

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Color

Hex(0188D5)

Conversions

Conversions Part 1

Format	Color
Hex	0188D5
RGB	1, 136, 213
RGB Percent	0%, 53%, 84%
CMY	0.9961, 0.4667, 0.1647
CMYK	1.00, 0.36, 0.00, 0.16
HSL	202°, 99%, 42%
HSV	202°, 100%, 84%
XYZ	20.8269, 22.4189, 66.1804
YIQ	104.4130, -105.1770, -4.6730

Conversions

Conversions Part 2

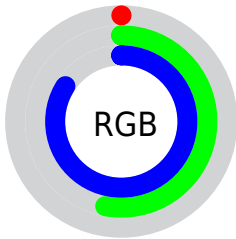
Format	Color
RYB	1, 83, 213
Decimal	100565
CIELab	54.47, -2.31, -47.92
CIELCh	54, 47.973, 267.245
Yxy	22.4189, 0.1903, 0.2049
Android (android.graphics.Color)	4278290645 (0xFF0188D5)
YUV	104.4130, 53.5334, -90.6932
Hunter-Lab	47.3486, -4.3443, -49.7272

Details

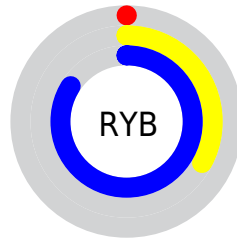
The Hex color **0188D5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D54E01**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **65BDFF**, and **00579E** is the 20% darker color. If you saturate the color by 10%, you get **0088D5**, and if you desaturate by 10%, it is **1690D5**.

Distribution



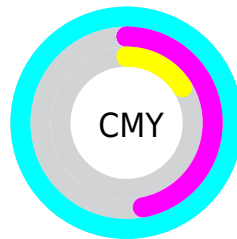
- Red (0%)
- Green (53%)
- Blue (84%)



- Red (0%)
- Yellow (33%)
- Blue (84%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)




- Cyan (100%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0188D5 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 0188D5 by changing the saturation by 10% instead.

 0188D5

 0188D5

FFFFFF

 006FB9

 65BDFF

 00579E

 86D9FF

 004083

 A5F5FF

 002B6A


 C4FFFF

 001751

 E2FFFF

 000539

 000223

 000009

 000000

■ 0188D5

■ 0188D5

■ 0088D5

■ 1690D5

■ 2C97D5

■ 419FD5

■ 56A7D5

■ 6CAFD5

■ 81B6D5

■ 96BED5

■ ABC6D5

■ C1CED5

Harmonies

Analogous

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



0092C7



0188D5



7D79CC

Triad

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



0188D5



CD615F



3D9353

Complementary

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



0188D5



D54E01

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.



748B34



0188D5



BC6F3D

Square

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



0188D5



CB5E88



9C7F2B



00967D

Rectangle

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



0188D5



A36DBB



9C7F2B



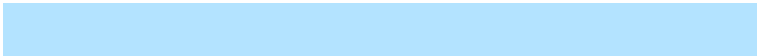
529147

Sweetspot

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



0188D5



B3E3FF



01D54B



526F80



000000



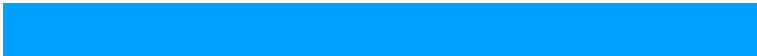
808080

Same Dimension

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



0188D5



00A2FF



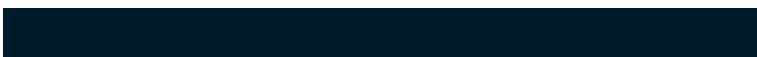
0121D5



60676B



006DAB



001C2B

Inverse Universe

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



D50188



FF00A2



D5B501



6B6067



AB006D



2B001C

Previews

White Background



This preview shows how the Hex color 0188D5 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 0188D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

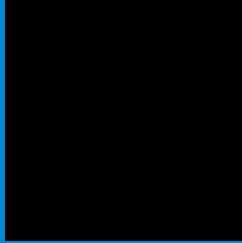
Any Text WCAG AA ✓ Pass

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 0188D5 Background



This preview shows how black text looks on a background with the Hex color 0188D5.



This preview shows how white text looks on a background with the Hex color 0188D5.

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](#).

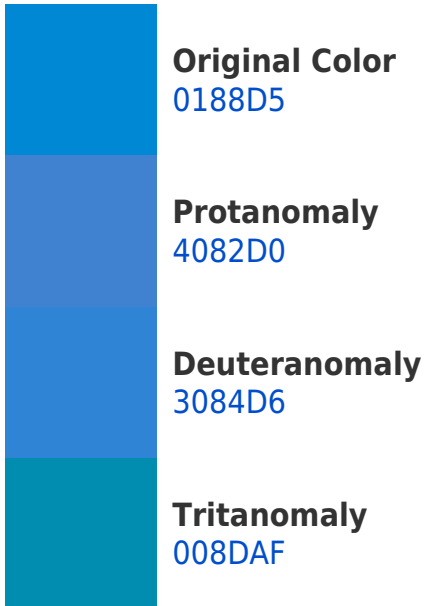
Dichromacy





Tritanopia
00909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0188D5 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 #0188D5 looks like.

```
.text, #text, p{  
    color:#0188D5  
}
```

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 #0188D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0188D5
}
```

Border

The CSS property to change the border of an element to Hex 0188D5 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
#0188D5 }
```

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

```
.border{ border-color:#0188D5 }
```

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

Here you see how a box with a 4 pixel #0188D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0188D5; -webkit-box-shadow:4px 4px  
4px 4px #0188D5; box-shadow:4px 4px 4px  
4px #0188D5 }
```

Background

The CSS property to change the background color of an element to Hex 0188D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0188D5 }
```

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

```
.background{ background-color:#0188D5 }
```

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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