

Converting Colors

Hex(0091DD)

Have a look what the booklet for
Hex(0091DD) contains.

Hex(0091DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0091DD)

Conversions

Conversions Part 1

Format	Color
Hex	0091DD
RGB	0, 145, 221
RGB Percent	0%, 57%, 87%
CMY	1.0000, 0.4314, 0.1333
CMYK	1.00, 0.34, 0.00, 0.13
HSL	201°, 100%, 43%
HSV	201°, 100%, 87%
XYZ	23.1765, 25.4713, 72.1015
YIQ	110.3090, -110.8160, -7.1040

Conversions

Conversions Part 2

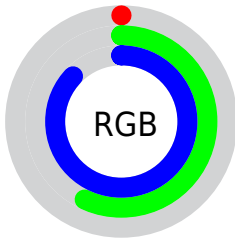
Format	Color
R _Y B	0, 88, 221
Decimal	37341
CIE Lab	57.53, -4.57, -47.55
CIE LCh	58, 47.765, 264.505
Yxy	25.4713, 0.1919, 0.2109
Android (android.graphics.Color)	4278227421 (0xFF0091DD)
YUV	110.3090, 54.5707, -96.7410
Hunter-Lab	50.4691, -6.3496, -49.3750

Details

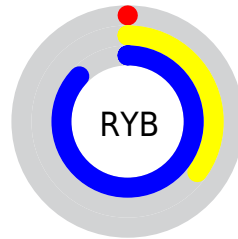
The Hex color **0091DD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DD4C00**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **67C7FF**, and **005FA5** is the 20% darker color. If you saturate the color by 10%, you get **0091DD**, and if you desaturate by 10%, it is **1699DD**.

Distribution



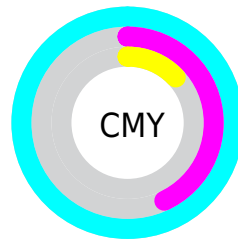
- Red (0%)
- Green (57%)
- Blue (87%)



- Red (0%)
- Yellow (35%)
- Blue (87%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0091DD 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 0091DD by changing the saturation by 10% instead.

0091DD

0091DD

FFFFFF

0078C1

67C7FF

005FA5

88E2FF

00488B

A8FFFF

003271

C7FFFF

001E58

E6FFFF

000740

000329

000113

000000

 0091DD

 1699DD

 2CA0DD

 42A8DD

 58AFDD

 6FB7DD

 85BFDD

 9BC6DD

 B1CEDD

 C7D5DD

Harmonies

Analogous

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



009ACD



0091DD



8082D6

Triad

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



0091DD



D7686A



4C9A58

Complementary

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



0091DD



DD4C00

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.



80923A



0091DD



C77647

Square

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



0091DD



D26694



A88533



009E81

Rectangle

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



0091DD



A777C6



A88533



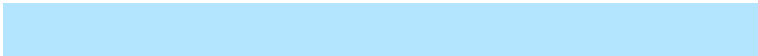
5F984C

Sweetspot

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



0091DD



B3E5FF



00DD4A



527080



000000



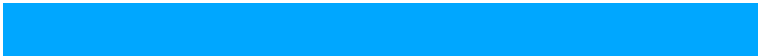
808080

Same Dimension

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



0091DD



00A7FF



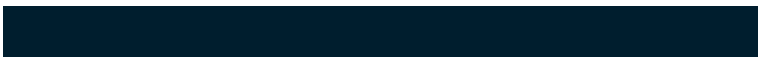
0025DD



636A6E



0072AD



001E2E

Inverse Universe

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



DD0091



FF00A7



DDB800



6E636A



AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 0091DD 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 0091DD 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 0091DD Background



This preview shows how black text looks on a background with the Hex color 0091DD.

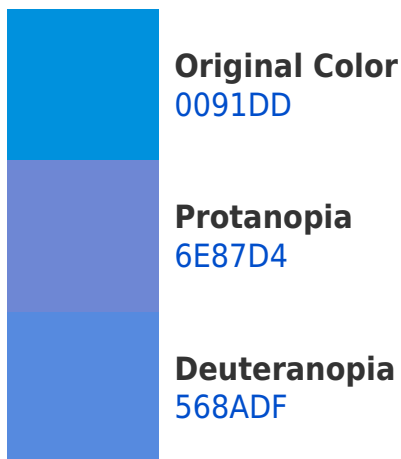


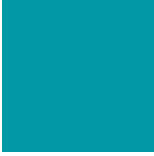
This preview shows how white text looks on a background with the Hex color 0091DD.

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
0099A4

Trichromacy



Original Color
0091DD



Protanomaly
468BD7



Deuteranomaly
378DDE



Tritanomaly
0096B9

Monochromacy



Original Color
0091DD



Achromatopsia
6E6E6E



Achromatomaly
467B96

CSS Examples

Text

The CSS property to change the color of the text to Hex 0091DD 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 #0091DD looks like.

```
.text, #text, p{  
    color:#0091DD  
}
```

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 #0091DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091DD
}
```

Border

The CSS property to change the border of an element to Hex 0091DD 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
#0091DD }
```

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

```
.border{ border-color:#0091DD }
```

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

Here you see how a box with a 4 pixel #0091DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091DD; -webkit-box-shadow:4px 4px  
4px 4px #0091DD; box-shadow:4px 4px 4px  
4px #0091DD }
```

Background

The CSS property to change the background color of an element to Hex 0091DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091DD }
```

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

```
.background{ background-color:#0091DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor