

# Converting Colors

Hex(0091D9)

Have a look what the booklet for  
Hex(0091D9) contains.

<b>Hex(0091D9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0091D9)

# Conversions

## Conversions Part 1

Format	Color
Hex	0091D9
RGB	0, 145, 217
RGB Percent	0%, 57%, 85%
CMY	1.0000, 0.4314, 0.1490
CMYK	1.00, 0.33, 0.00, 0.15
HSL	200°, 100%, 43%
HSV	200°, 100%, 85%
XYZ	22.6498, 25.2606, 69.3276
YIQ	109.8530, -109.5320, -8.3480

# Conversions

## Conversions Part 2

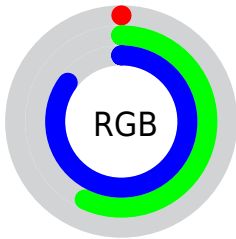
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 217
Decimal	37337
CIELab	57.33, -6.08, -45.63
CIELCh	57, 46.035, 262.407
Yxy	25.2606, 0.1932, 0.2155
Android (android.graphics.Color)	4278227417 (0xFF0091D9)
YUV	109.8530, 52.8235, -96.3411
Hunter-Lab	50.2599, -7.5132, -46.6017

# Details

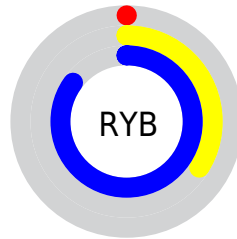
The Hex color **0091D9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D94800**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **66C7FF**, and **005FA2** is the 20% darker color. If you saturate the color by 10%, you get **0091D9**, and if you desaturate by 10%, it is **1698D9**.

# Distribution



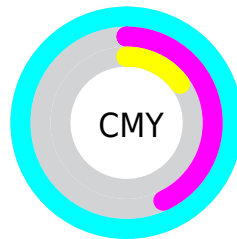
- Red (0%)
- Green (57%)
- Blue (85%)



- Red (0%)
- Yellow (34%)
- Blue (85%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (43%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0091D9 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 0091D9 by changing the saturation by 10% instead.



 0091D9

 0091D9

FFFFFF

 0077BD

 66C7FF

 005FA2

 87E3FF

 004887

 A6FFFF

 00326D


 C5FFFF

 001E54

 E4FFFF

 00063D

 000326

 00010F

 000000

■ 0091D9

■ 1698D9

■ 2B9FD9

■ 41A7D9

■ 57AED9

■ 6DB5D9

■ 82BCD9

■ 98C3D9

■ AECBD9

■ C3D2D9

# Harmonies

## Analogous

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



009AC8



0091D9



7B83D4

# Triad

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



0091D9



D4696D



539957

# Complementary

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



0091D9



D94800

# 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.



83913C



0091D9



C6754B

# Square

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



0091D9



CE6896



AA8437



009D7E

# Rectangle

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



0091D9



A278C5



AA8437



64974C

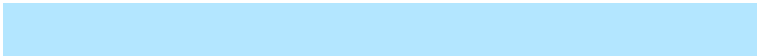


# Sweetspot

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



0091D9



B3E6FF



00D945



527080



000000



808080

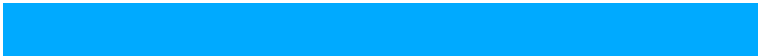


# Same Dimension

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



0091D9



00AAFF



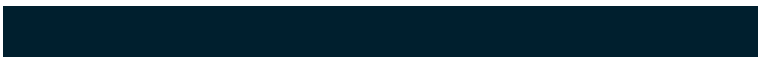
0028D9



636A6E



0074AD



001F2E



# Inverse Universe

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



D90091



FF00AA



D9B100



6E636A



AD0074



2E001F



# Previews

## White Background



This preview shows how the Hex color 0091D9 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 0091D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

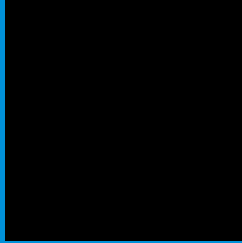
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0091D9 Background



This preview shows how black text looks on a background with the Hex color 0091D9.



This preview shows how white text looks on a background with the Hex color 0091D9.

# 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](#).

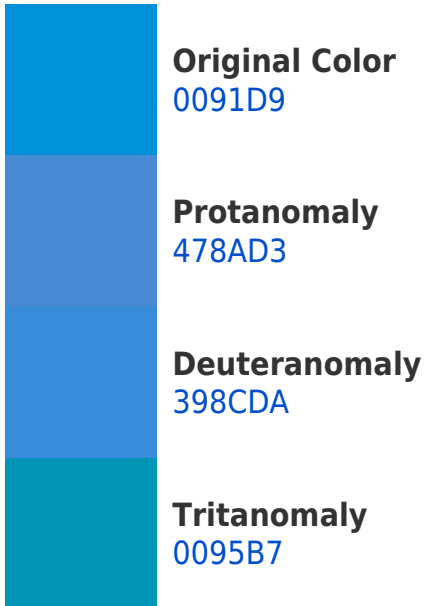
## Dichromacy



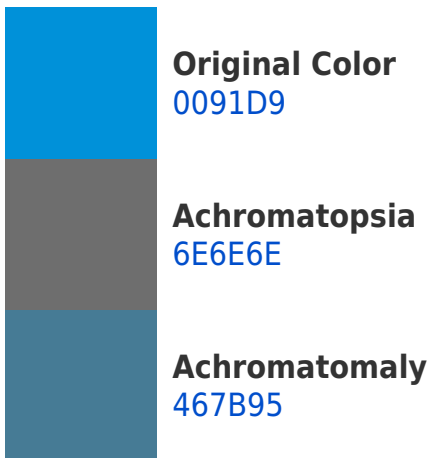


**Tritanopia**  
0098A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0091D9 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 #0091D9 looks like.

```
.text, #text, p{  
    color:#0091D9  
}
```

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 #0091D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091D9
}
```

## Border

The CSS property to change the border of an element to Hex 0091D9 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
#0091D9 }
```

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

```
.border{ border-color:#0091D9 }
```

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

Here you see how a box with a 4 pixel #0091D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091D9; -webkit-box-shadow:4px 4px  
4px 4px #0091D9; box-shadow:4px 4px 4px  
4px #0091D9 }
```

# Background

The CSS property to change the background color of an element to Hex 0091D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091D9 }
```

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

```
.background{ background-color:#0091D9 }
```

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