

Converting Colors

Hex(0091D6)

Have a look what the booklet for
Hex(0091D6) contains.

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Color

Hex(0091D6)

Conversions

Conversions Part 1

Format	Color
Hex	0091D6
RGB	0, 145, 214
RGB Percent	0%, 57%, 84%
CMY	1.0000, 0.4314, 0.1608
CMYK	1.00, 0.32, 0.00, 0.16
HSL	199°, 100%, 42%
HSV	199°, 100%, 84%
XYZ	22.2630, 25.1058, 67.2909
YIQ	109.5110, -108.5690, -9.2810

Conversions

Conversions Part 2

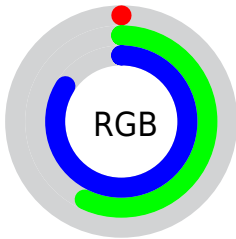
Format	Color
RYB	0, 86, 214
Decimal	37334
CIELab	57.18, -7.21, -44.19
CIElCh	57, 44.773, 260.732
Yxy	25.1058, 0.1942, 0.2190
Android (android.graphics.Color)	4278227414 (0xFF0091D6)
YUV	109.5110, 51.5131, -96.0411
Hunter-Lab	50.1057, -8.3738, -44.5511

Details

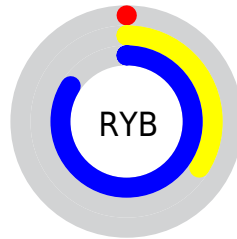
The Hex color **0091D6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D64500**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **66C7FF**, and **005F9F** is the 20% darker color. If you saturate the color by 10%, you get **0091D6**, and if you desaturate by 10%, it is **1598D6**.

Distribution



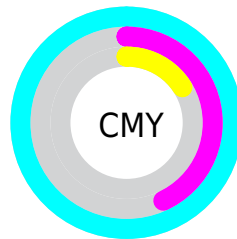
- Red (0%)
- Green (57%)
- Blue (84%)



- Red (0%)
- Yellow (34%)
- Blue (84%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0091D6 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 0091D6 by changing the saturation by 10% instead.

 0091D6

 0091D6

FFFFFF

 0077BA

 66C7FF

 005F9F

 86E3FF

 004884

 A5FFFF

 00326B

 C4FFFF

 001E52

 E3FFFF

 00063B

 000224

 00000C

 000000

■ 0091D6

■ 1598D6

■ 2B9FD6

■ 40A6D6

■ 56ADD6

■ 6BB3D6

■ 80BAD6

■ 96C1D6

■ ABC8D6

■ C1CFD6

Harmonies

Analogous

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



0099C5



0091D6



7884D2

Triad

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



0091D6



D26970



579856

Complementary

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



0091D6



D64500

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.



858F3D



0091D6



C6744E

Square

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



0091D6



CB6997



AA833A



009C7B

Rectangle

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



0091D6



9E79C5



AA833A



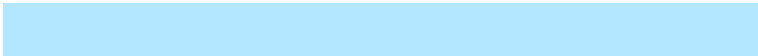
68954C

Sweetspot

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



0091D6



B3E6FF



00D644



527180



000000



808080

Same Dimension

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



0091D6



00ADFF



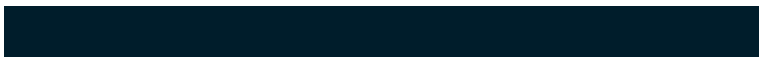
0027D6



60686B



0074AB



001D2B

Inverse Universe

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



D60091



FF00AD



D6AF00



6B6068



AB0074



2B001D

Previews

White Background



This preview shows how the Hex color 0091D6 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 0091D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

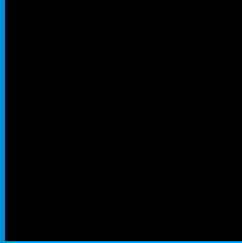
Any Text WCAG AA ✓ Pass

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 0091D6 Background



This preview shows how black text looks on a background with the Hex color 0091D6.

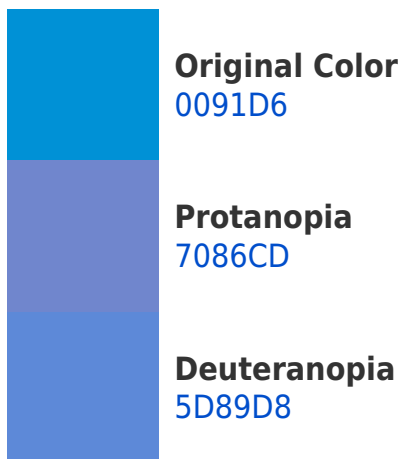


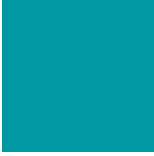
This preview shows how white text looks on a background with the Hex color 0091D6.

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



Original Color
0091D6



Protanomaly
478AD0



Deuteranomaly
3B8CD7



Tritanomaly
0095B6

Monochromacy



Original Color
0091D6



Achromatopsia
6E6E6E



Achromatomaly
467B94

CSS Examples

Text

The CSS property to change the color of the text to Hex 0091D6 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 #0091D6 looks like.

```
.text, #text, p{  
    color:#0091D6  
}
```

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 #0091D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091D6
}
```

Border

The CSS property to change the border of an element to Hex 0091D6 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
#0091D6 }
```

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

```
.border{ border-color:#0091D6 }
```

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

Here you see how a box with a 4 pixel #0091D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091D6; -webkit-box-shadow:4px 4px  
4px 4px #0091D6; box-shadow:4px 4px 4px  
4px #0091D6 }
```

Background

The CSS property to change the background color of an element to Hex 0091D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091D6 }
```

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

```
.background{ background-color:#0091D6 }
```

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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