

Converting Colors

Hex(0091D5)

Have a look what the booklet for
Hex(0091D5) contains.

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Color

Hex(0091D5)

Conversions

Conversions Part 1

Format	Color
Hex	0091D5
RGB	0, 145, 213
RGB Percent	0%, 57%, 84%
CMY	1.0000, 0.4314, 0.1647
CMYK	1.00, 0.32, 0.00, 0.16
HSL	199°, 100%, 42%
HSV	199°, 100%, 84%
XYZ	22.1356, 25.0549, 66.6202
YIQ	109.3970, -108.2480, -9.5920

Conversions

Conversions Part 2

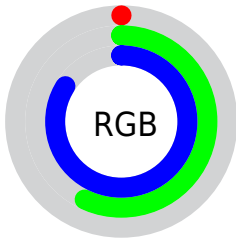
Format	Color
RYB	0, 86, 213
Decimal	37333
CIELab	57.13, -7.59, -43.71
CIELCh	57, 44.359, 260.153
Yxy	25.0549, 0.1945, 0.2201
Android (android.graphics.Color)	4278227413 (0xFF0091D5)
YUV	109.3970, 51.0763, -95.9412
Hunter-Lab	50.0549, -8.6584, -43.8732

Details

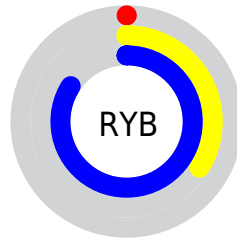
The Hex color **0091D5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D54400**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **65C7FF**, and **005F9E** is the 20% darker color. If you saturate the color by 10%, you get **0091D5**, and if you desaturate by 10%, it is **1598D5**.

Distribution



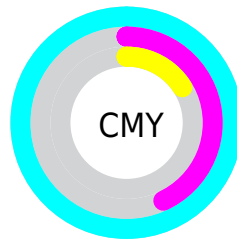
- Red (0%)
- Green (57%)
- Blue (84%)



- 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 0091D5 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 0091D5 by changing the saturation by 10% instead.

0091D5

0091D5

FFFFFF

0077B9

65C7FF

005F9E

86E3FF

004883

A5FFFF

00316A

C4FFFF

001D51

E3FFFF

00053A

000223

00000A

000000

■ 0091D5

■ 1598D5

■ 2B9FD5

■ 40A5D5

■ 55ACD5

■ 6BB3D5

■ 80BAD5

■ 95C1D5

■ AAC7D5

■ C0CED5

Harmonies

Analogous

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



0099C4



0091D5



7784D2

Triad

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



0091D5



D26A71



599756

Complementary

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



0091D5



D54400

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.



868F3D



0091D5



C6744F

Square

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



0091D5



CA6A98



AB833B



009C7B

Rectangle

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



0091D5



9D7AC5



AB833B



69954C

Sweetspot

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



0091D5



B3E7FF



00D543



527180



000000



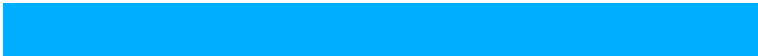
808080

Same Dimension

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



0091D5



00AEFF



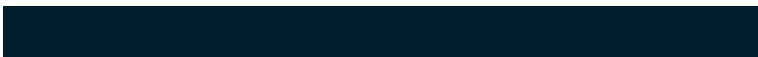
0027D5



60686B



0074AB



001E2B

Inverse Universe

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



D50091



FF00AE



D5AE00



6B6068



AB0074



2B001E

Previews

White Background



This preview shows how the Hex color 0091D5 looks on a white background.

Color Contrast Check

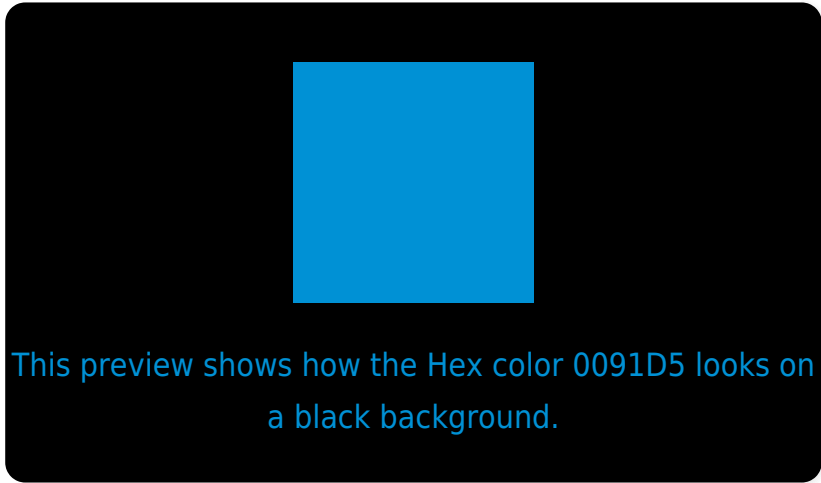
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

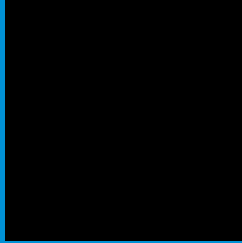
Any Text WCAG AA ✓ Pass

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 0091D5 Background



This preview shows how black text looks on a background with the Hex color 0091D5.

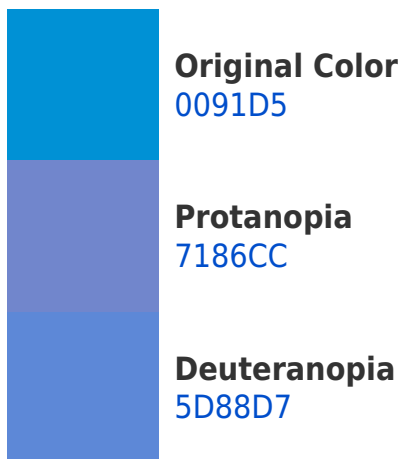


This preview shows how white text looks on a background with the Hex color 0091D5.

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
0091D5

Protanomaly
488ACF

Deuteranomaly
3B8BD6

Tritanomaly
0095B5

Monochromacy



Original Color
0091D5

Achromatopsia
6D6D6D

Achromatomaly
457A93

CSS Examples

Text

The CSS property to change the color of the text to Hex 0091D5 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 #0091D5 looks like.

```
.text, #text, p{  
    color:#0091D5  
}
```

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 #0091D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091D5
}
```

Border

The CSS property to change the border of an element to Hex 0091D5 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
#0091D5 }
```

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

```
.border{ border-color:#0091D5 }
```

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

Here you see how a box with a 4 pixel #0091D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091D5; -webkit-box-shadow:4px 4px  
4px 4px #0091D5; box-shadow:4px 4px 4px  
4px #0091D5 }
```

Background

The CSS property to change the background color of an element to Hex 0091D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091D5 }
```

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

```
.background{ background-color:#0091D5 }
```

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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