

Converting Colors

Hex(007DD1)

Have a look what the booklet for
Hex(007DD1) contains.

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Color

Hex(007DD1)

Conversions

Conversions Part 1

Format	Color
Hex	007DD1
RGB	0, 125, 209
RGB Percent	0%, 49%, 82%
CMY	1.0000, 0.5098, 0.1804
CMYK	1.00, 0.40, 0.00, 0.18
HSL	204°, 100%, 41%
HSV	204°, 100%, 82%
XYZ	18.8422, 19.2707, 63.0481
YIQ	97.2010, -101.4640, -0.3760

Conversions

Conversions Part 2

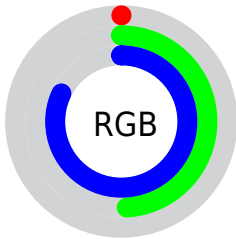
Format	Color
RYB	0, 78, 209
Decimal	32209
CIELab	51.00, 2.74, -51.18
CIELCh	51, 51.251, 273.063
Yxy	19.2707, 0.1863, 0.1905
Android (android.graphics.Color)	4278222289 (0xFF007DD1)
YUV	97.2010, 55.1169, -85.2453
Hunter-Lab	43.8984, -0.2057, -54.4251

Details

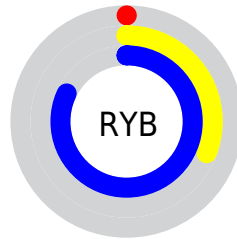
The Hex color **007DD1** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D15400**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **64B1FF**, and **004D9A** is the 20% darker color. If you saturate the color by 10%, you get **007DD1**, and if you desaturate by 10%, it is **1585D1**.

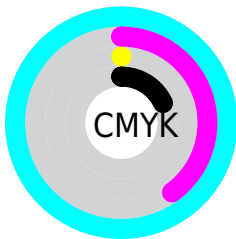
Distribution



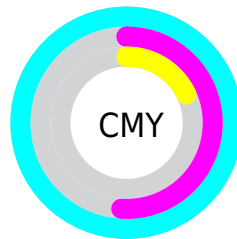
- Red (0%)
- Green (49%)
- Blue (82%)



- Red (0%)
- Yellow (31%)
- Blue (82%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007DD1 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 007DD1 by changing the saturation by 10% instead.

007DD1

007DD1

FFFFFF

0064B5

64B1FF

004D9A

84CCFF

00377F

A3E8FF

002366

C2FFFF

000B4D

E0FFFF

000536

00021F

000003

000000

■ 007DD1

■ 1585D1

■ 2A8ED1

■ 3F96D1

■ 549FD1

■ 69A7D1

■ 7DAFD1

■ 92B8D1

■ A7C0D1

■ BCC9D1

Harmonies

Analogous

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



0088C7



007DD1



806CC3

Triad

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



007DD1



C5574C



0E8B50

Complementary

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



007DD1



D15400

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.



5F852A



007DD1



AF6829

Square

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



007DD1



C85077



8C7918



008E7D

Rectangle

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



007DD1



A55FAF



8C7918



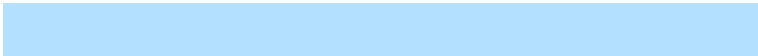
378A42

Sweetspot

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



007DD1



B3E0FF



00D154



526D80



000000



808080

Same Dimension

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



007DD1



0099FF



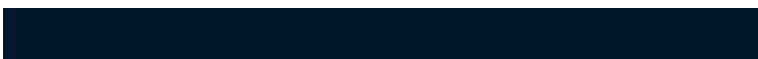
0015D1



5E6469



0065A8



001829

Inverse Universe

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



D1007D



FF0099



D1BC00



695E64



A80065



290018

Previews

White Background



This preview shows how the Hex color 007DD1 looks on a white background.

Color Contrast Check

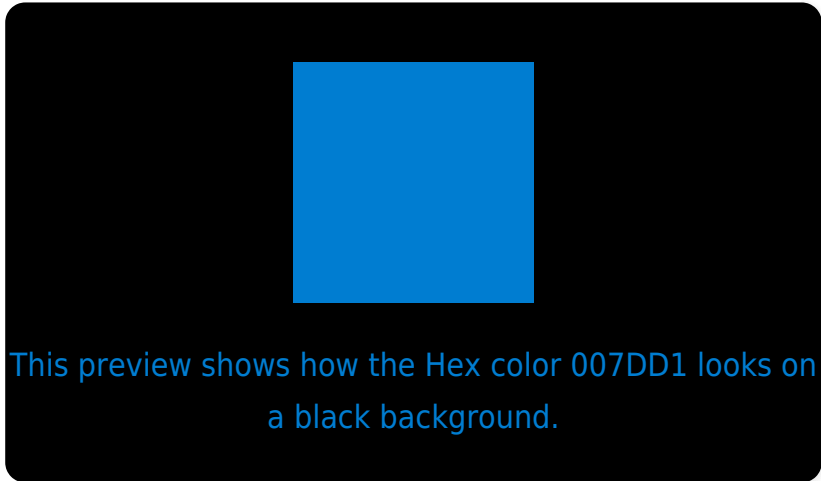
Large Text (above 18pt) WCAG AA ✓ Pass

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

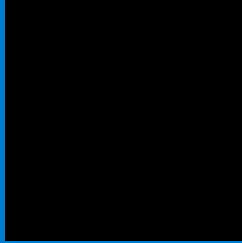
Any Text WCAG AA ✓ Pass

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 007DD1 Background



This preview shows how black text looks on a background with the Hex color 007DD1.

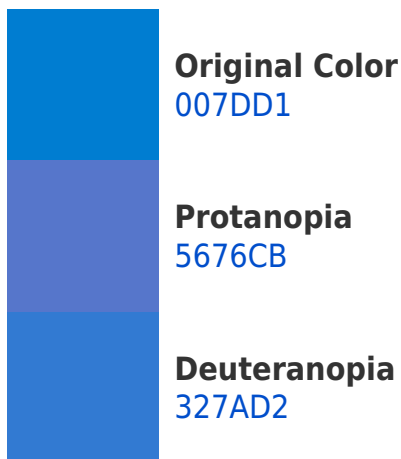


This preview shows how white text looks on a background with the Hex color 007DD1.

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](#).

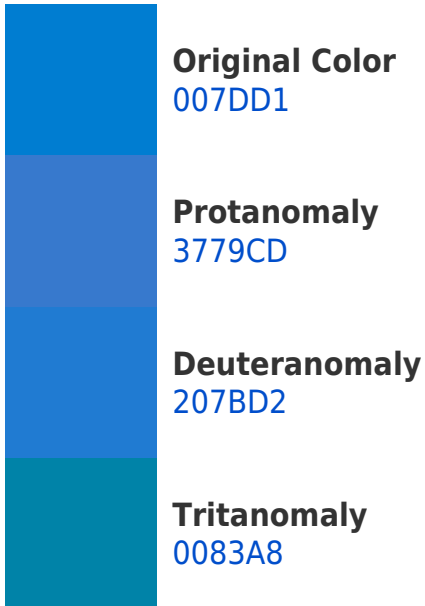
Dichromacy



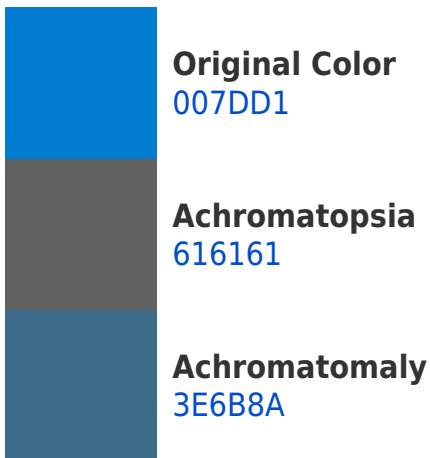


Tritanopia
008790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007DD1 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 #007DD1 looks like.

```
.text, #text, p{  
    color:#007DD1  
}
```

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 #007DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007DD1
}
```

Border

The CSS property to change the border of an element to Hex 007DD1 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
#007DD1 }
```

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

```
.border{ border-color:#007DD1 }
```

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

Here you see how a box with a 4 pixel #007DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007DD1; -webkit-box-shadow:4px 4px  
4px 4px #007DD1; box-shadow:4px 4px 4px  
4px #007DD1 }
```

Background

The CSS property to change the background color of an element to Hex 007DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007DD1 }
```

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

```
.background{ background-color:#007DD1 }
```

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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