

Converting Colors

Hex(007FD2)

Have a look what the booklet for
Hex(007FD2) contains.

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Color

Hex(007FD2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007FD2 |
| RGB | 0, 127, 210 |
| RGB Percent | 0%, 50%, 82% |
| CMY | 1.0000, 0.5020, 0.1765 |
| CMYK | 1.00, 0.40, 0.00, 0.18 |
| HSL | 204°, 100%, 41% |
| HSV | 204°, 100%, 82% |
| XYZ | 19.2222, 19.8319, 63.7876 |
| YIQ | 98.4890, -102.3350, -1.1110 |

Conversions

Conversions Part 2

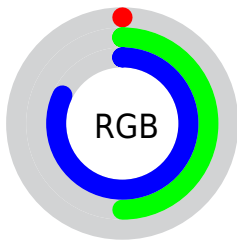
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 79, 210 |
| Decimal | 32722 |
| CIELab | 51.65, 1.91, -50.72 |
| CIELCh | 52, 50.752, 272.155 |
| Yxy | 19.8319, 0.1869, 0.1928 |
| Android (android.graphics.Color) | 4278222802 (0xFF007FD2) |
| YUV | 98.4890, 54.9749, -86.3749 |
| Hunter-Lab | 44.5330, -0.8850, -53.7519 |

Details

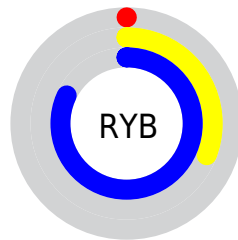
The Hex color **007FD2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D25300**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **64B3FF**, and **004F9B** is the 20% darker color. If you saturate the color by 10%, you get **007FD2**, and if you desaturate by 10%, it is **1587D2**.

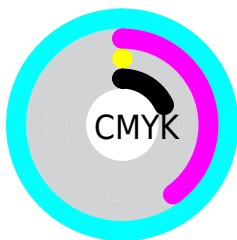
Distribution



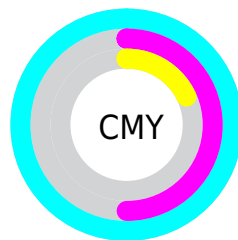
- Red (0%)
- Green (50%)
- Blue (82%)



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



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



- Cyan (100%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007FD2 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 007FD2 by changing the saturation by 10% instead.

007FD2

007FD2

FFFFFF

0066B6

64B3FF

004F9B

84CFFF

003980

A3EBFF

002467

C2FFFF

000E4E

E1FFFF

000536

000220

000004

000000

■ 007FD2

■ 1587D2

■ 2A90D2

■ 3F98D2

■ 54A0D2

■ 69A9D2

■ 7EB1D2

■ 93B9D2

■ A8C1D2

■ BDCAD2

Harmonies

Analogous

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



008AC7



007FD2



806EC5

Triad

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



007FD2



C7594F



1B8D51

Complementary

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



007FD2



D25300

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.



63862C



007FD2



B16A2D

Square

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



007FD2



C9527A



8F7A1B



00907D

Rectangle

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



007FD2



A562B1



8F7A1B



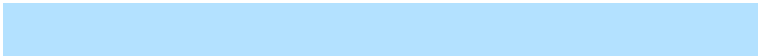
3C8B43

Sweetspot

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



007FD2



B3E1FF



00D250



526D80



000000



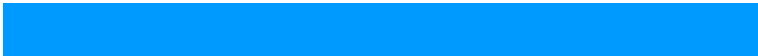
808080

Same Dimension

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



007FD2



009AFF



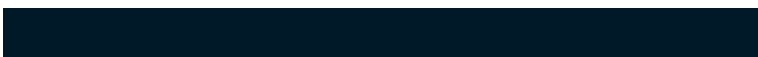
0018D2



5E6469



0066A8



001929

Inverse Universe

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



D2007F



FF009A



D2BA00



695E64



A80066



290019

Previews

White Background



This preview shows how the Hex color 007FD2 looks on a white background.

Color Contrast Check

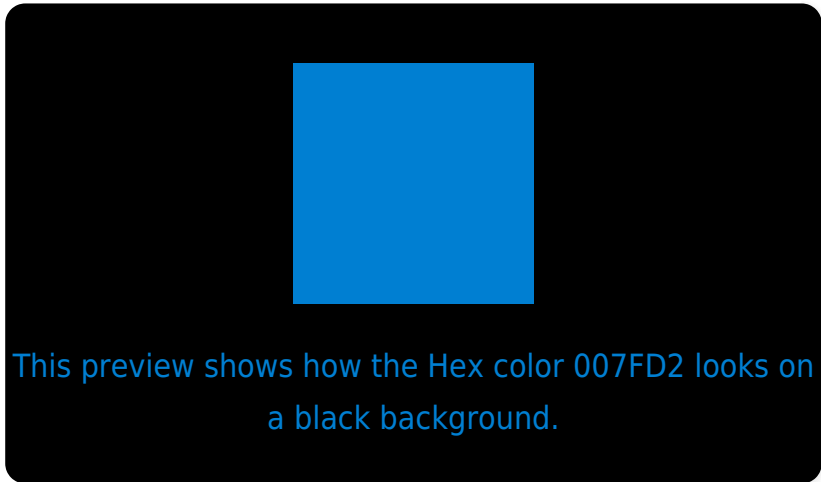
Large Text (above 18pt) WCAG AA ✓ Pass

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

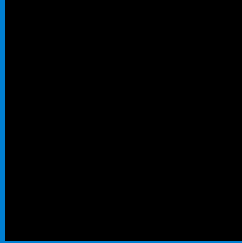
Any Text WCAG AA ✓ Pass

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 007FD2 Background



This preview shows how black text looks on a background with the Hex color 007FD2.

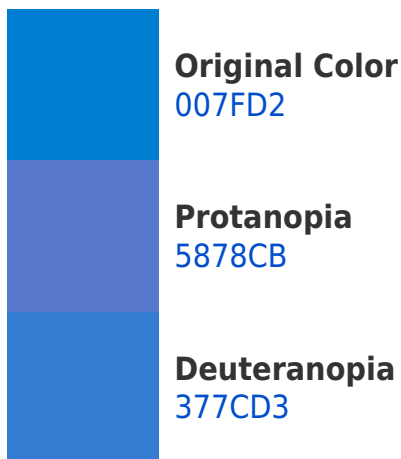


This preview shows how white text looks on a background with the Hex color 007FD2.

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](#).

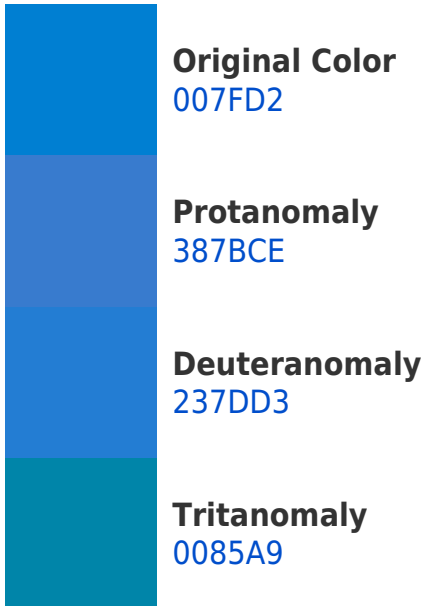
Dichromacy





Tritanopia
008892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007FD2 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 #007FD2 looks like.

```
.text, #text, p{  
    color:#007FD2  
}
```

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 #007FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007FD2
}
```

Border

The CSS property to change the border of an element to Hex 007FD2 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
#007FD2 }
```

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

```
.border{ border-color:#007FD2 }
```

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

Here you see how a box with a 4 pixel #007FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007FD2; -webkit-box-shadow:4px 4px  
4px 4px #007FD2; box-shadow:4px 4px 4px  
4px #007FD2 }
```

Background

The CSS property to change the background color of an element to Hex 007FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007FD2 }
```

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

```
.background{ background-color:#007FD2 }
```

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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