

Converting Colors

Hex(007CD4)

Have a look what the booklet for
Hex(007CD4) contains.

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Color

Hex(007CD4)

Conversions

Conversions Part 1

Format	Color
Hex	007CD4
RGB	0, 124, 212
RGB Percent	0%, 49%, 83%
CMY	1.0000, 0.5137, 0.1686
CMYK	1.00, 0.42, 0.00, 0.17
HSL	205°, 100%, 42%
HSV	205°, 100%, 83%
XYZ	19.0913, 19.1688, 64.9811
YIQ	96.9560, -102.1520, 1.0800

Conversions

Conversions Part 2

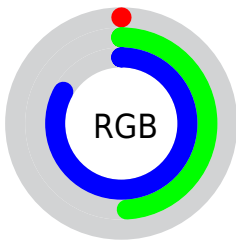
Format	Color
RYB	0, 78, 212
Decimal	31956
CIELab	50.88, 4.53, -53.07
CIELCh	51, 53.261, 274.877
Yxy	19.1688, 0.1849, 0.1857
Android (android.graphics.Color)	4278222036 (0xFF007CD4)
YUV	96.9560, 56.7167, -85.0304
Hunter-Lab	43.7822, 1.2166, -57.3502

Details

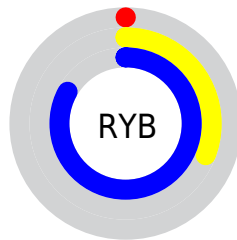
The Hex color **007CD4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D45800**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **65B0FF**, and **004C9D** is the 20% darker color. If you saturate the color by 10%, you get **007CD4**, and if you desaturate by 10%, it is **1585D4**.

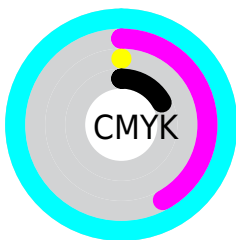
Distribution



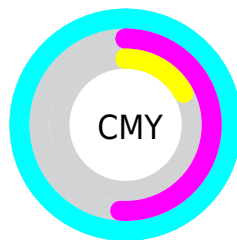
- Red (0%)
- Green (49%)
- Blue (83%)



- Red (0%)
- Yellow (31%)
- Blue (83%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007CD4 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 007CD4 by changing the saturation by 10% instead.

 007CD4

 007CD4

FFFFFF

 0063B8

 65B0FF

 004C9D

 85CBFF

 003682

 A4E7FF


 002268

 C3FFFF

 000A50

 E2FFFF

 000538

 000222

 000007

 000000

 007CD4

 1585D4

 2A8ED4

 4096D4

 559FD4

 6AA8D4

 7FB1D4

 94BAD4

 AAC2D4

 BFCBD4

Harmonies

Analogous

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



0088CB



007CD4



846AC4

Triad

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



007CD4



C65648



008C51

Complementary

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



007CD4



D45800

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.



5A8528



007CD4



AE6923

Square

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



007CD4



CA4D74



897910



008F7F

Rectangle

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



007CD4



A95CAE



897910



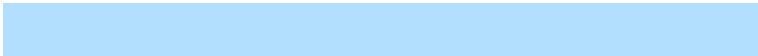
2C8A42

Sweetspot

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



007CD4



B3DFFF



00D455



526C80



000000



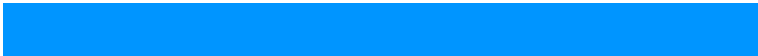
808080

Same Dimension

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



007CD4



0095FF



0015D4



60676B



0064AB



00192B

Inverse Universe

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



D4007C



FF0095



D4BF00



6B6067



AB0064



2B0019

Previews

White Background



This preview shows how the Hex color 007CD4 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 007CD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

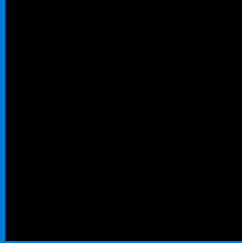
Any Text WCAG AA ✓ Pass

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 007CD4 Background



This preview shows how black text looks on a background with the Hex color 007CD4.



This preview shows how white text looks on a background with the Hex color 007CD4.

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
00868F

Trichromacy



Original Color
007CD4

Protanomaly
3478D0

Deuteranomaly
1A7BD4

Tritanomaly
0082A8

Monochromacy



Original Color
007CD4

Achromatopsia
616161

Achromatomaly
3E6B8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007CD4 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 #007CD4 looks like.

```
.text, #text, p{  
    color:#007CD4  
}
```

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 #007CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007CD4
}
```

Border

The CSS property to change the border of an element to Hex 007CD4 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
#007CD4 }
```

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

```
.border{ border-color:#007CD4 }
```

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

Here you see how a box with a 4 pixel #007CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007CD4; -webkit-box-shadow:4px 4px  
4px 4px #007CD4; box-shadow:4px 4px 4px  
4px #007CD4 }
```

Background

The CSS property to change the background color of an element to Hex 007CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007CD4 }
```

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

```
.background{ background-color:#007CD4 }
```

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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