

Converting Colors

Hex(008CD4)

Have a look what the booklet for
Hex(008CD4) contains.

Hex(008CD4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(008CD4)

Conversions

Conversions Part 1

Format	Color
Hex	008CD4
RGB	0, 140, 212
RGB Percent	0%, 55%, 83%
CMY	1.0000, 0.4510, 0.1686
CMYK	1.00, 0.34, 0.00, 0.17
HSL	200°, 100%, 42%
HSV	200°, 100%, 83%
XYZ	21.2617, 23.5096, 65.7046
YIQ	106.3480, -106.5520, -7.2880

Conversions

Conversions Part 2

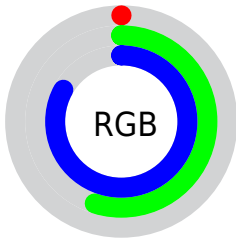
Format	Color
RYB	0, 84, 212
Decimal	36052
CIELab	55.59, -5.07, -45.57
CIELCh	56, 45.853, 263.651
Yxy	23.5096, 0.1925, 0.2128
Android (android.graphics.Color)	4278226132 (0xFF008CD4)
YUV	106.3480, 52.0864, -93.2672
Hunter-Lab	48.4867, -6.5784, -46.4034

Details

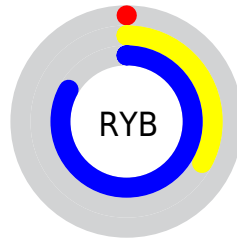
The Hex color **008CD4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D44800**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65C1FF**, and **005A9D** is the 20% darker color. If you saturate the color by 10%, you get **008CD4**, and if you desaturate by 10%, it is **1593D4**.

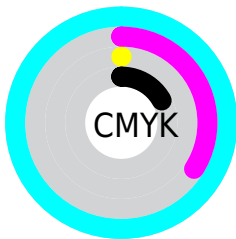
Distribution



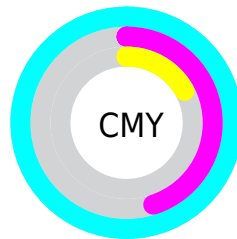
- Red (0%)
- Green (55%)
- Blue (83%)



- Red (0%)
- Yellow (33%)
- Blue (83%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008CD4 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 008CD4 by changing the saturation by 10% instead.

 008CD4

 008CD4

FFFFFF

 0073B8

 65C1FF

 005A9D

 85DDFF

 004382

 A4FAFF

 002E69

 C3FFFF

 001A50

 E2FFFF

 000539

 000222

 000008

 000000

 008CD4

 1593D4

 2A9AD4

 40A2D4

 55A9D4

 6AB0D4

 7FB7D4

 94BED4

 AAC6D4

 BFCDD4

Harmonies

Analogous

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



0095C4



008CD4



797ECE

Triad

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



008CD4



CF6568



4C9454

Complementary

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



008CD4



D44800

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.



7D8C38



008CD4



C07146

Square

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



008CD4



CA638F



A38033



00997B

Rectangle

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



008CD4



9F73BF



A38033



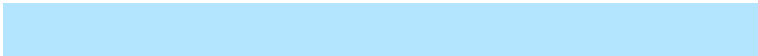
5E9249

Sweetspot

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



008CD4



B3E5FF



00D447



527080



000000



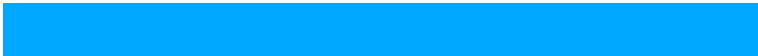
808080

Same Dimension

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



008CD4



00A8FF



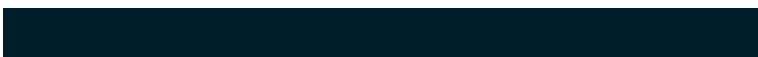
0023D4



60676B



0071AB



001D2B

Inverse Universe

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



D4008C



FF00A8



D4B100



6B6067



AB0071



2B001D

Previews

White Background



This preview shows how the Hex color 008CD4 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 008CD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

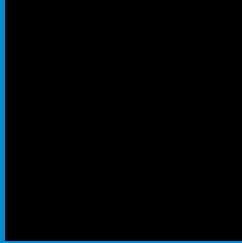
Any Text WCAG AA ✓ Pass

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 008CD4 Background



This preview shows how black text looks on a background with the Hex color 008CD4.

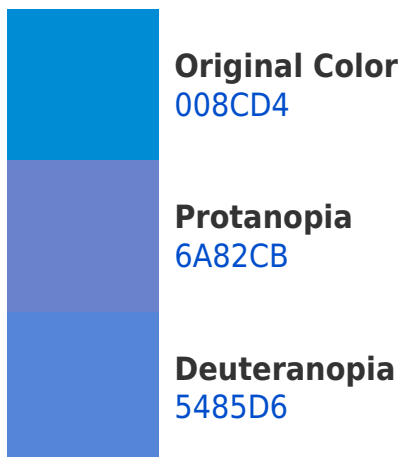


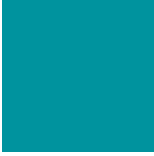
This preview shows how white text looks on a background with the Hex color 008CD4.

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
00939E

Trichromacy



Original Color
008CD4

Protanomaly
4386CE

Deuteranomaly
3588D5

Tritanomaly
0090B2

Monochromacy



Original Color
008CD4

Achromatopsia
6A6A6A

Achromatomaly
437691

CSS Examples

Text

The CSS property to change the color of the text to Hex 008CD4 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 #008CD4 looks like.

```
.text, #text, p{  
    color:#008CD4  
}
```

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 #008CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CD4
}
```

Border

The CSS property to change the border of an element to Hex 008CD4 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
#008CD4 }
```

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

```
.border{ border-color:#008CD4 }
```

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

Here you see how a box with a 4 pixel #008CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CD4; -webkit-box-shadow:4px 4px  
4px 4px #008CD4; box-shadow:4px 4px 4px  
4px #008CD4 }
```

Background

The CSS property to change the background color of an element to Hex 008CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CD4 }
```

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

```
.background{ background-color:#008CD4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor