

# Converting Colors

Hex(008DC4)

Have a look what the booklet for  
Hex(008DC4) contains.

<b>Hex(008DC4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(008DC4)

# Conversions

## Conversions Part 1

Format	Color
Hex	008DC4
RGB	0, 141, 196
RGB Percent	0%, 55%, 77%
CMY	1.0000, 0.4471, 0.2314
CMYK	1.00, 0.28, 0.00, 0.23
HSL	197°, 100%, 38%
HSV	197°, 100%, 77%
XYZ	19.4887, 23.0353, 55.6436
YIQ	105.1110, -101.6910, -12.7870

# Conversions

## Conversions Part 2

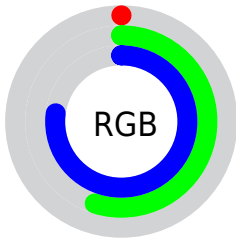
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	0, 82, 196
Decimal	36292
CIELab	55.11, -11.66, -37.30
CIELCh	55, 39.080, 252.635
Yxy	23.0353, 0.1985, 0.2347
Android (android.graphics.Color)	4278226372 (0xFF008DC4)
YUV	105.1110, 44.8083, -92.1823
Hunter-Lab	47.9951, -11.5104, -35.1420

# Details

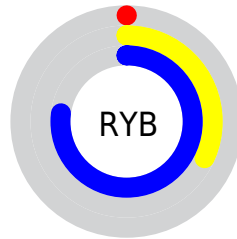
The Hex color **008DC4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C43700**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **61C3FD**, and **005B8E** is the 20% darker color. If you saturate the color by 10%, you get **008DC4**, and if you desaturate by 10%, it is **1493C4**.

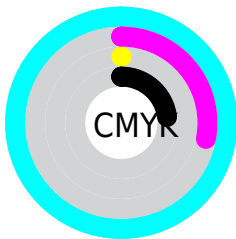
# Distribution



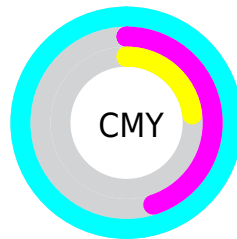
- Red (0%)
- Green (55%)
- Blue (77%)



- Red (0%)
- Yellow (32%)
- Blue (77%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (45%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008DC4 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 008DC4 by changing the saturation by 10% instead.



 008DC4

 008DC4

FFFFFF

 0074A9

 61C3FD

 005B8E

 81DEFF

 004474

 A0FBFF

 002E5B

 BEFFFF

 001A43

 DCFFFF

 00032D

 FBFFFF

 000117

 000000

 008DC4

 1493C4

 2798C4

 3B9EC4

 4EA3C4

 62A9C4

 76AEC4

 89B4C4

 9DB9C4

 B0BFC4

# Harmonies

## Analogous

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



0093B1



008DC4



6783C6

# Triad

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



008DC4



C46877



658F50

# Complementary

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



008DC4



C43700

# 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.



8B8740



008DC4



BE6F58

# Square

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



008DC4



B96B99



A97B43



34946F

# Rectangle

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



008DC4



8B7ABD



A97B43



738D49

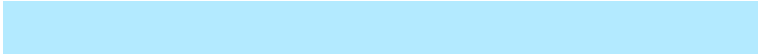


# Sweetspot

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



008DC4



B3EAFF



00C434



527380



000000



808080

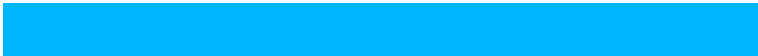


# Same Dimension

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



008DC4



00B7FF



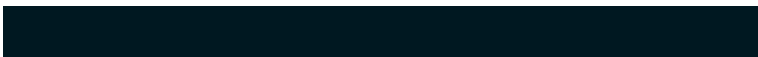
002EC4



575E61



0074A1



001821



# Inverse Universe

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



C4008D



FF00B7



C49600



61575E



A10074



210018



# Previews

## White Background



This preview shows how the Hex color 008DC4 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 008DC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

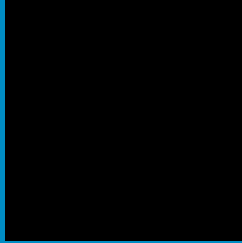
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 008DC4 Background



This preview shows how black text looks on a background with the Hex color 008DC4.

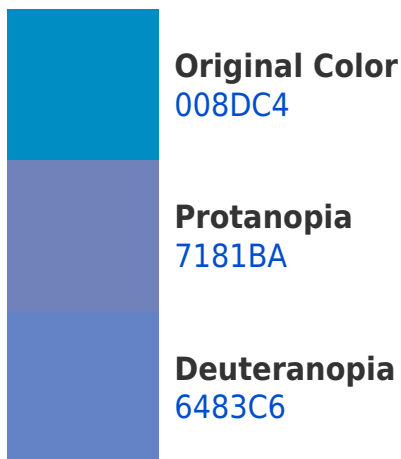


This preview shows how white text looks on a background with the Hex color 008DC4.

# 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**  
00929D

# Trichromacy



**Original Color**  
008DC4

**Protanomaly**  
4885BE

**Deuteranomaly**  
4087C5

**Tritanomaly**  
0090AB

# Monochromacy



**Original Color**  
008DC4

**Achromatopsia**  
696969

**Achromatomaly**  
43768A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008DC4 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 #008DC4 looks like.

```
.text, #text, p{  
    color:#008DC4  
}
```

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 #008DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008DC4
}
```

## Border

The CSS property to change the border of an element to Hex 008DC4 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
#008DC4 }
```

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

```
.border{ border-color:#008DC4 }
```

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

Here you see how a box with a 4 pixel #008DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008DC4; -webkit-box-shadow:4px 4px  
4px 4px #008DC4; box-shadow:4px 4px 4px  
4px #008DC4 }
```

# Background

The CSS property to change the background color of an element to Hex 008DC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008DC4 }
```

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

```
.background{ background-color:#008DC4 }
```

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