

# Converting Colors

Hex(0DDCF2)

Have a look what the booklet for  
Hex(0DDCF2) contains.

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# **Color**

**Hex(0DDCF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DDCF2
RGB	13, 220, 242
RGB Percent	5%, 86%, 95%
CMY	0.9490, 0.1373, 0.0510
CMYK	0.95, 0.09, 0.00, 0.05
HSL	186°, 90%, 50%
HSV	186°, 95%, 95%
XYZ	41.7862, 57.6828, 92.9359
YIQ	160.6150, -130.4340, -37.0420

# Conversions

## Conversions Part 2

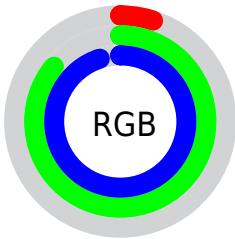
Format	Color
<a href="#">RYB</a>	13, 122, 242
Decimal	908530
CIELab	80.56, -36.03, -23.23
CIELCh	81, 42.865, 212.815
Yxy	57.6828, 0.2172, 0.2998
Android (android.graphics.Color)	4279098610 (0xFF0DDCF2)
YUV	160.6150, 40.1228, -129.4584
Hunter-Lab	75.9492, -34.7028, -19.3863

# Details

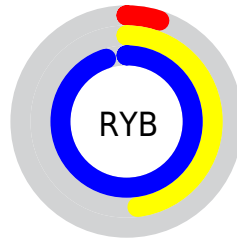
The Hex color **0DDCF2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F2230D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FFFF**, and **00A4BA** is the 20% darker color. If you saturate the color by 10%, you get **00DBF2**, and if you desaturate by 10%, it is **25DEF2**.

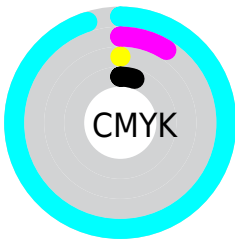
# Distribution



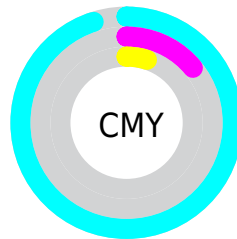
- Red (5%)
- Green (86%)
- Blue (95%)



- Red (5%)
- Yellow (48%)
- Blue (95%)



- Cyan (95%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (14%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DDCF2 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 0DDCF2 by changing the saturation by 10% instead.



 0DDCF2

 0DDCF2

FFFFFF

 00C0D6

 74FFFF

 00A4BA

 97FFFF

 008A9F

 B7FFFF

 007085

 D7FFFF

 00576B

 F7FFFF

 003F53

 00293C

 000627

 000110

■ 0DDCF2

■ 0DDCF2

■ 00DBF2

■ 25DEF2

■ 3DE1F2

■ 56E3F2

■ 6EE5F2

■ 86E8F2

■ 9EEAF2

■ B6ECF2

■ CFEFF2

■ E7F1F2

# Harmonies

## Analogous

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



4BDDCA



0DDCF2



4BD6FF

# Triad

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



0DDCF2



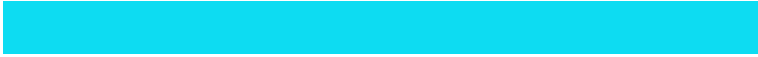
FEAFED



DFC777

# Complementary

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



0DDCF2



F2230D

# 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.



FFB982



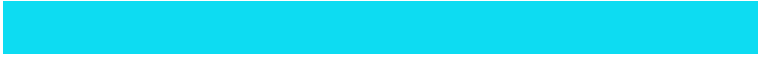
0DDCF2



FFA9C6

# Square

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



0DDCF2



D1BCFF



FFAD9F



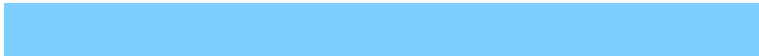
B4D283

# Rectangle

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



0DDCF2



7CCFFF



FFAD9F

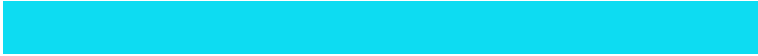


EBC278



# Sweetspot

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



0DDCF2



B8F8FF



0DF220



547B80



000000



808080



# Same Dimension

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



0DDCF2



00E7FF



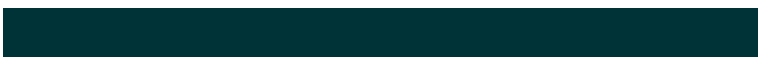
0D6CF2



6C7778



00A6B8



003338



# Inverse Universe

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



F20DDC



FF00E7



F2930D



786C77



B800A6

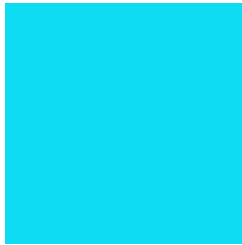


380033



# Previews

## White Background



This preview shows how the Hex color 0DDCF2 looks on a white background.

## Color Contrast Check

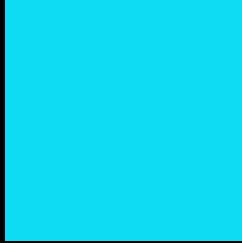
Large Text (above 18pt) WCAG AA × Fail

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 0DDCF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

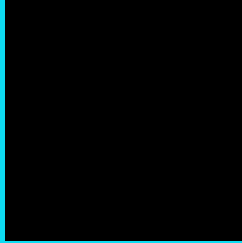
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0DDCF2 Background



This preview shows how black text looks on a background with the Hex color 0DDCF2.

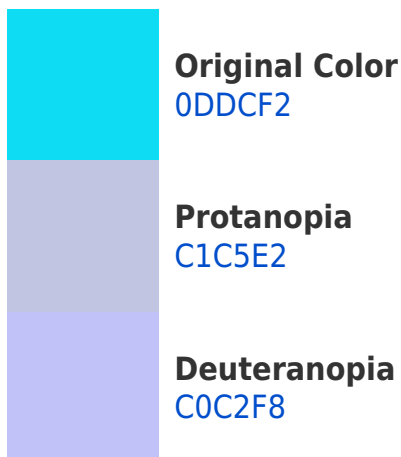


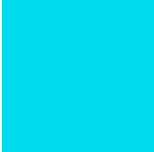
This preview shows how white text looks on a background with the Hex color 0DDCF2.

# 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

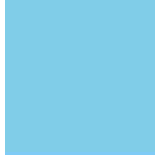




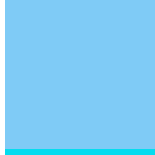
# Trichromacy



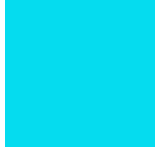
**Original Color**  
0DDCF2



**Protanomaly**  
80CDE8



**Deuteranomaly**  
7FCBF6

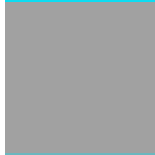


**Tritanomaly**  
05DCEF

# Monochromacy



**Original Color**  
0DDCF2



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
6BB6BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DDCF2 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 #0DDCF2 looks like.

```
.text, #text, p{  
  color:#0DDCF2  
}
```

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 #0DDCF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DDCF2
}
```

## Border

The CSS property to change the border of an element to Hex 0DDCF2 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
#0DDCF2 }
```

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

```
.border{ border-color:#0DDCF2 }
```

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

Here you see how a box with a 4 pixel #0DDCF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DDCF2; -webkit-box-shadow:4px 4px  
4px 4px #0DDCF2; box-shadow:4px 4px 4px  
4px #0DDCF2 }
```

# Background

The CSS property to change the background color of an element to Hex 0DDCF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DDCF2 }
```

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

```
.background{ background-color:#0DDCF2 }
```

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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