

# Converting Colors

Hex(01DBF2)

Have a look what the booklet for  
Hex(01DBF2) contains.

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# **Color**

**Hex(01DBF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01DBF2
RGB	1, 219, 242
RGB Percent	0%, 86%, 95%
CMY	0.9961, 0.1412, 0.0510
CMYK	1.00, 0.10, 0.00, 0.05
HSL	186°, 99%, 48%
HSV	186°, 100%, 95%
XYZ	41.3710, 57.0803, 92.8415
YIQ	156.4400, -137.3110, -39.0630

# Conversions

## Conversions Part 2

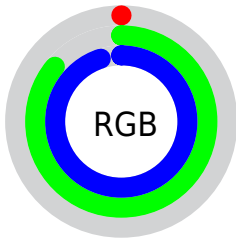
Format	Color
<a href="#">RYB</a>	1, 115, 242
Decimal	121842
CIELab	80.22, -35.83, -23.75
CIELCh	80, 42.989, 213.532
Yxy	57.0803, 0.2163, 0.2984
Android (android.graphics.Color)	4278311922 (0xFF01DBF2)
YUV	156.4400, 42.1811, -136.3209
Hunter-Lab	75.5515, -34.4708, -19.9725

# Details

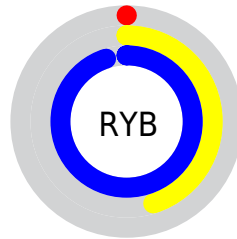
The Hex color **01DBF2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F21801**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFFF**, and **00A3BA** is the 20% darker color. If you saturate the color by 10%, you get **00DBF2**, and if you desaturate by 10%, it is **19DDF2**.

# Distribution



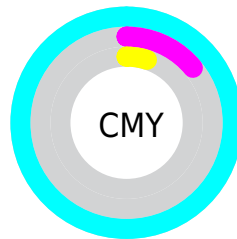
- Red (0%)
- Green (86%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)




- Cyan (100%)
- Magenta (14%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01DBF2 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 01DBF2 by changing the saturation by 10% instead.



 01DBF2

 01DBF2


FFFFFF

 00BFD6

 72FFFF

 00A3BA

 95FFFF

 00899F

 B6FFFF

 006F85

 D6FFFF

 00566B

 F6FFFF

 003E53

 00283C

 000427

 000110

01DBF2

01DBF2

00DBF2

19DDF2

31E0F2

4AE2F2

62E4F2

7AE7F2

92E9F2

AAEBF2

C3EDF2

DBF0F2

# Harmonies

## Analogous

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



48DCCB



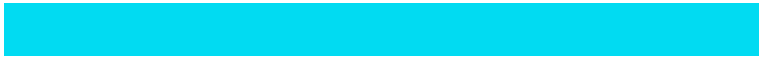
01DBF2



4AD5FF

# Triad

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



01DBF2



FEADEC



DDC676

# Complementary

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



01DBF2



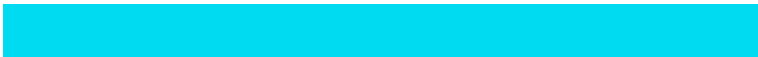
F21801

# 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.



FEB880



01DBF2



FFA8C4

# Square

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



01DBF2



D2BBFF



FFAC9D



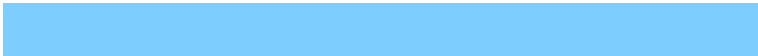
B2D283

# Rectangle

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



01DBF2



7DCEFF



FFAC9D

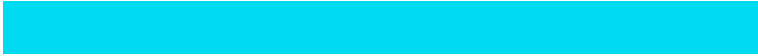


E9C277



# Sweetspot

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



01DBF2



B3F8FF



01F215



527B80



000000



808080



# Same Dimension

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



01DBF2



00E7FF



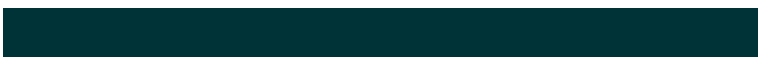
0165F2



6C7778



00A6B8



003338



# Inverse Universe

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



F201DB



FF00E7



F28E01



786C77



B800A6

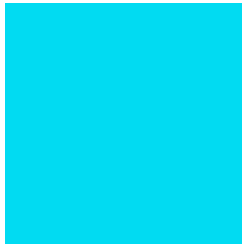


380033



# Previews

## White Background



This preview shows how the Hex color 01DBF2 looks on a white background.

## Color Contrast Check

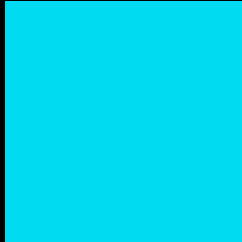
Large Text (above 18pt) WCAG AA × Fail

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 01DBF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

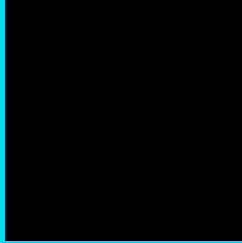
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 01DBF2 Background



This preview shows how black text looks on a background with the Hex color 01DBF2.

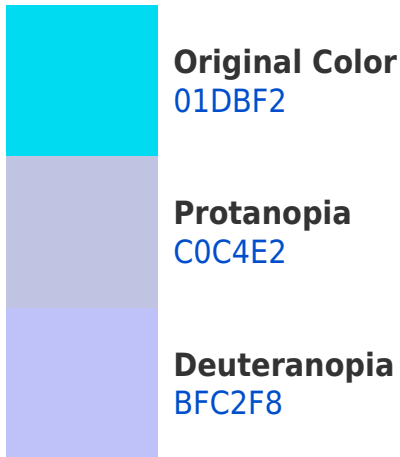


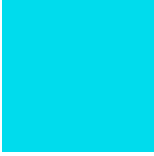
This preview shows how white text looks on a background with the Hex color 01DBF2.

# 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



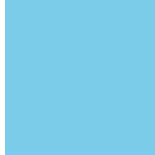


**Tritanopia**  
00DCED

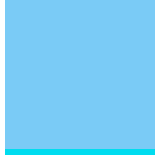
# Trichromacy



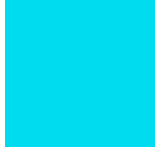
**Original Color**  
01DBF2



**Protanomaly**  
7BCCE8



**Deuteranomaly**  
7ACBF6



**Tritanomaly**  
00DCEF

# Monochromacy



**Original Color**  
01DBF2



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
64B3BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01DBF2 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 #01DBF2 looks like.

```
.text, #text, p{  
    color:#01DBF2  
}
```

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 #01DBF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01DBF2
}
```

## Border

The CSS property to change the border of an element to Hex 01DBF2 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
#01DBF2 }
```

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

```
.border{ border-color:#01DBF2 }
```

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

Here you see how a box with a 4 pixel #01DBF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01DBF2; -webkit-box-shadow:4px 4px  
4px 4px #01DBF2; box-shadow:4px 4px 4px  
4px #01DBF2 }
```

# Background

The CSS property to change the background color of an element to Hex 01DBF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01DBF2 }
```

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

```
.background{ background-color:#01DBF2 }
```

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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