

Converting Colors

Hex(01DFE2)

Have a look what the booklet for
Hex(01DFE2) contains.

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Color

Hex(01DFE2)

Conversions

Conversions Part 1

Format	Color
Hex	01DFE2
RGB	1, 223, 226
RGB Percent	0%, 87%, 89%
CMY	0.9961, 0.1255, 0.1137
CMYK	1.00, 0.01, 0.00, 0.11
HSL	181°, 99%, 45%
HSV	181°, 100%, 89%
XYZ	40.1277, 58.2728, 81.0843
YIQ	156.9640, -133.2750, -46.1310

Conversions

Conversions Part 2

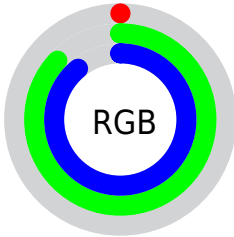
Format	Color
RYB	1, 113, 226
Decimal	122850
CIELab	80.89, -42.54, -14.23
CIELCh	81, 44.855, 198.497
Yxy	58.2728, 0.2236, 0.3247
Android (android.graphics.Color)	4278312930 (0xFF01DFE2)
YUV	156.9640, 34.0347, -136.7804
Hunter-Lab	76.3366, -39.7575, -9.5419

Details

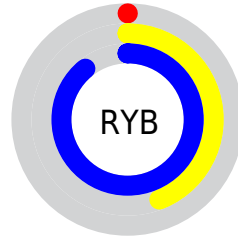
The Hex color **01DFE2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E20401**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **71FFFF**, and **00A7AB** is the 20% darker color. If you saturate the color by 10%, you get **00DFE2**, and if you desaturate by 10%, it is **18DFE2**.

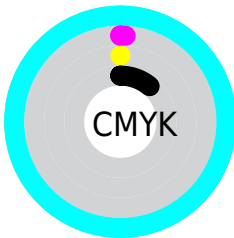
Distribution



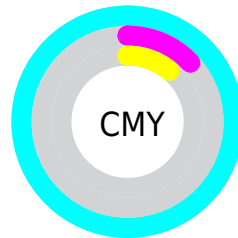
- Red (0%)
- Green (87%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01DFE2 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 01DFE2 by changing the saturation by 10% instead.

01DFE2

01DFE2

FFFFFF

00C3C6

71FFFF

00A7AB

93FFFF

008C90

B4FFFF

007277

D4FFFF

00595E

F4FFFF

004046

002A30

00081C

000000

01DFE2

01DFE2

00DFE2

18DFE2

2EE0E2

45E0E2

5BE0E2

72E1E2

89E1E2

9FE1E2

B6E1E2

CCE2E2

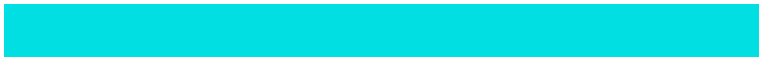
Harmonies

Analogous

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



62DEB7



01DFE2



00DBFF

Triad

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



01DFE2



EDB5FF



F2C176

Complementary

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



01DFE2



E20401

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.



FFB28C



01DFE2



FFA9DB

Square

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



01DFE2



B5C4FF



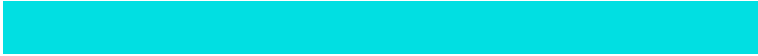
FFA9B0



CACE78

Rectangle

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



01DFE2



4FD5FF



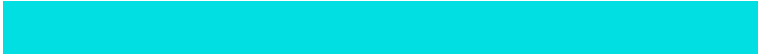
FFA9B0



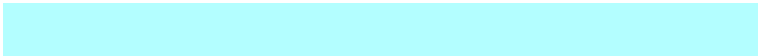
FDBC7B

Sweetspot

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



01DFE2



B3FEFF



01E201



527F80



000000



808080

Same Dimension

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



01DFE2



00FCFF



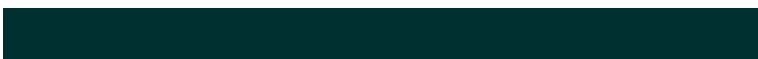
0172E2



657070



00AEB0



003030

Inverse Universe

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



E201DF



FF00FC



E27201



706570



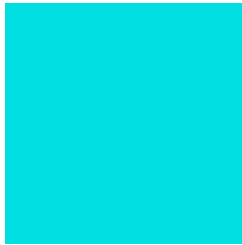
B000AE



300030

Previews

White Background



This preview shows how the Hex color 01DFE2 looks on a white background.

Color Contrast Check

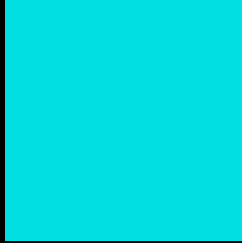
Large Text (above 18pt) WCAG AA × Fail

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 01DFE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

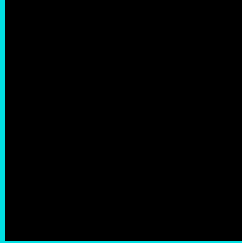
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

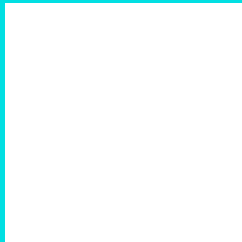
Any Text WCAG AAA ✓ Pass

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

Hex 01DFE2 Background



This preview shows how black text looks on a background with the Hex color 01DFE2.

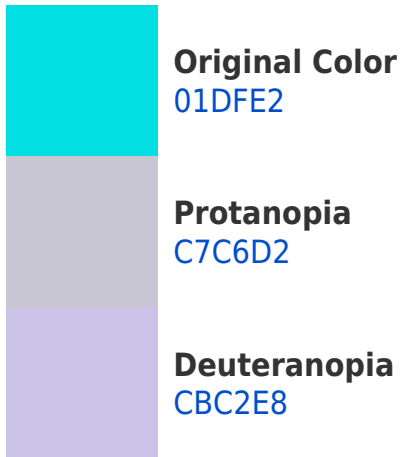


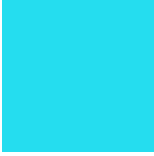
This preview shows how white text looks on a background with the Hex color 01DFE2.

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



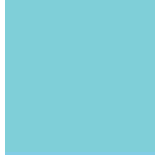


Tritanopia
25DDEF

Trichromacy



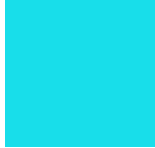
Original Color
01DFE2



Protanomaly
7FCFD8



Deuteranomaly
82CDE6

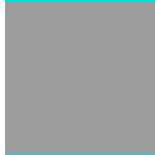


Tritanomaly
18DEEA

Monochromacy



Original Color
01DFE2



Achromatopsia
9D9D9D



Achromatomaly
64B5B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 01DFE2 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 #01DFE2 looks like.

```
.text, #text, p{  
    color:#01DFE2  
}
```

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 #01DFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01DFE2
}
```

Border

The CSS property to change the border of an element to Hex 01DFE2 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
#01DFE2 }
```

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

```
.border{ border-color:#01DFE2 }
```

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

Here you see how a box with a 4 pixel #01DFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01DFE2; -webkit-box-shadow:4px 4px  
4px 4px #01DFE2; box-shadow:4px 4px 4px  
4px #01DFE2 }
```

Background

The CSS property to change the background color of an element to Hex 01DFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01DFE2 }
```

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

```
.background{ background-color:#01DFE2 }
```

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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