

Converting Colors

Hex(0DF2F2)

Have a look what the booklet for
Hex(0DF2F2) contains.

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Color

Hex(0DF2F2)

Conversions

Conversions Part 1

Format	Color
Hex	0DF2F2
RGB	13, 242, 242
RGB Percent	5%, 95%, 95%
CMY	0.9490, 0.0510, 0.0510
CMYK	0.95, 0.00, 0.00, 0.05
HSL	180°, 90%, 50%
HSV	180°, 95%, 95%
XYZ	47.9451, 70.0006, 94.9889
YIQ	173.5290, -136.4840, -48.5480

Conversions

Conversions Part 2

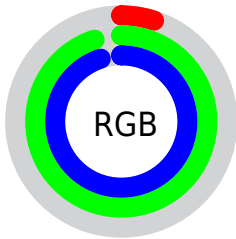
Format	Color
R _{YB}	13, 128, 242
Decimal	914162
CIE Lab	87.00, -45.93, -13.52
CIE LCh	87, 47.882, 196.403
Yxy	70.0006, 0.2252, 0.3287
Android (android.graphics.Color)	4279104242 (0xFF0DF2F2)
YUV	173.5290, 33.7562, -140.7839
Hunter-Lab	83.6664, -44.1265, -8.7472

Details

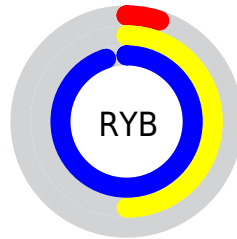
The Hex color **0DF2F2** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F20D0D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **78FFFF**, and **00B9BA** is the 20% darker color. If you saturate the color by 10%, you get **00F2F2**, and if you desaturate by 10%, it is **25F2F2**.

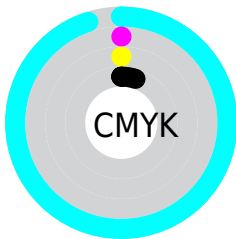
Distribution



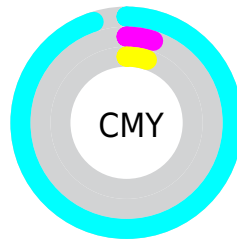
- Red (5%)
- Green (95%)
- Blue (95%)



- Red (5%)
- Yellow (50%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0DF2F2 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 0DF2F2 by changing the saturation by 10% instead.

 0DF2F2

 0DF2F2

FFFFFF

 00D5D6

 78FFFF

 00B9BA

 9AFFFF

 009E9F

 BCFFFF

 008385

 DCFFFF

 00696C

 FCFFFF

 005054

 00373C

 002127

 000112

0DF2F2

0DF2F2

00F2F2

25F2F2

3DF2F2

56F2F2

6EF2F2

86F2F2

9EF2F2

B6F2F2

CFF2F2

E7F2F2

Harmonies

Analogous

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



6FF1C3



0DF2F2



00EEFF

Triad

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



0DF2F2



FEC5FF



FFD081

Complementary

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



0DF2F2



F20D0D

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.



FFC09A



0DF2F2



FFB8F1

Square

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



0DF2F2



C0D6FF



FFB7C2



DEDF81

Rectangle

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



0DF2F2



4EE8FF



FFB7C2



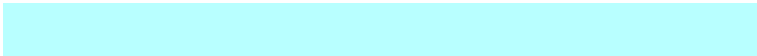
FFCB87

Sweetspot

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



0DF2F2



B8FFFF



0DF20D



548080



000000



808080

Same Dimension

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



0DF2F2



00FFFF



0D7FF2



6C7878



00B8B8



003838

Inverse Universe

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



F20DF2



FF00FF



F27F0D



786C78



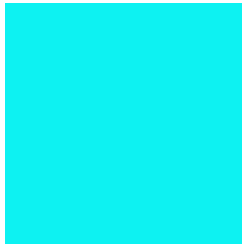
B800B8



380038

Previews

White Background



This preview shows how the Hex color 0DF2F2 looks on a white background.

Color Contrast Check

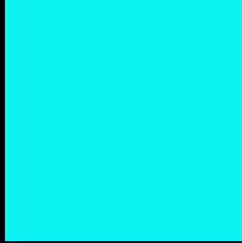
Large Text (above 18pt) WCAG AA × Fail

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 0DF2F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

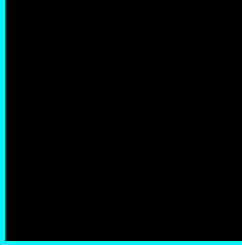
Any Text WCAG AA ✓ Pass

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 0DF2F2 Background



This preview shows how black text looks on a background with the Hex color 0DF2F2.

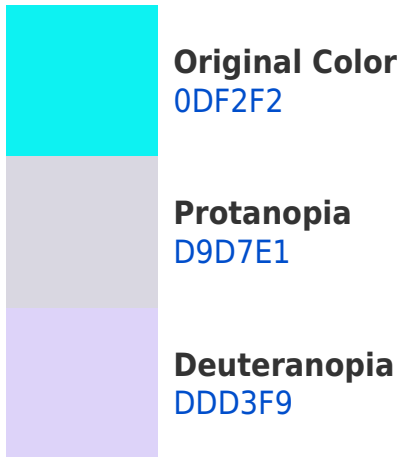


This preview shows how white text looks on a background with the Hex color 0DF2F2.

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](#).

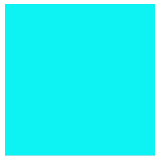
Dichromacy



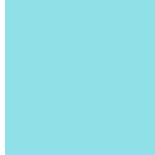


Tritanopia
55EDFF

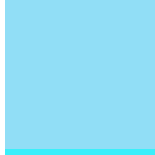
Trichromacy



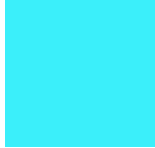
Original Color
0DF2F2



Protanomaly
8FE1E7



Deuteranomaly
91DEF6



Tritanomaly
3BEFFA

Monochromacy



Original Color
0DF2F2



Achromatopsia
AEAEAE



Achromatomaly
73C7C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DF2F2 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 #0DF2F2 looks like.

```
.text, #text, p{  
    color:#0DF2F2  
}
```

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 #0DF2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DF2F2
}
```

Border

The CSS property to change the border of an element to Hex 0DF2F2 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
#0DF2F2 }
```

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

```
.border{ border-color:#0DF2F2 }
```

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

Here you see how a box with a 4 pixel #0DF2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DF2F2; -webkit-box-shadow:4px 4px  
4px 4px #0DF2F2; box-shadow:4px 4px 4px  
4px #0DF2F2 }
```

Background

The CSS property to change the background color of an element to Hex 0DF2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DF2F2 }
```

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

```
.background{ background-color:#0DF2F2 }
```

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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