

Converting Colors

Hex(0FDEF6)

Have a look what the booklet for
Hex(0FDEF6) contains.

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Color

Hex(0FDEF6)

Conversions

Conversions Part 1

Format	Color
Hex	0FDEF6
RGB	15, 222, 246
RGB Percent	6%, 87%, 96%
CMY	0.9412, 0.1294, 0.0353
CMYK	0.94, 0.10, 0.00, 0.04
HSL	186°, 93%, 51%
HSV	186°, 94%, 96%
XYZ	42.9528, 58.9979, 96.3127
YIQ	162.8430, -131.0760, -36.4200

Conversions

Conversions Part 2

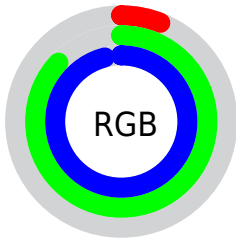
Format	Color
RYB	15, 124, 246
Decimal	1040118
CIELab	81.29, -35.66, -24.24
CIELCh	81, 43.120, 214.212
Yxy	58.9979, 0.2166, 0.2976
Android (android.graphics.Color)	4279230198 (0xFF0FDEF6)
YUV	162.8430, 40.9964, -129.6583
Hunter-Lab	76.8101, -34.5991, -20.5770

Details

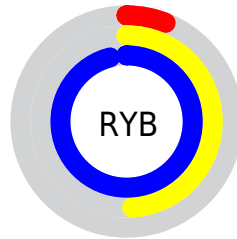
The Hex color **0FDEF6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F6270F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FFFF**, and **00A6BE** is the 20% darker color. If you saturate the color by 10%, you get **00DCF6**, and if you desaturate by 10%, it is **28E1F6**.

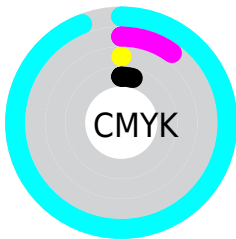
Distribution



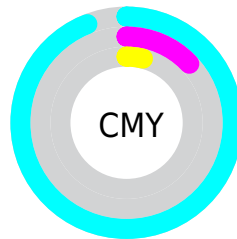
- Red (6%)
- Green (87%)
- Blue (96%)



- Red (6%)
- Yellow (49%)
- Blue (96%)



- Cyan (94%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (94%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FDEF6 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 0FDEF6 by changing the saturation by 10% instead.

 0FDEF6

 0FDEF6

FFFFFF

 00C2D9

 75FFFF

 00A6BE

 98FFFF

 008CA3

 B9FFFF

 007288

 D9FFFF

 00586F

 F9FFFF

 004056

 002A3F

 000C29

 000114

 0FDEF6

 0FDEF6

 00DCF6

 28E1F6

 40E3F6

 59E6F6

 71E8F6

 8AEBF6

 A3EDF6

 BBF0F6

 D4F2F6

 ECF5F6

Harmonies

Analogous

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



4AE0CE



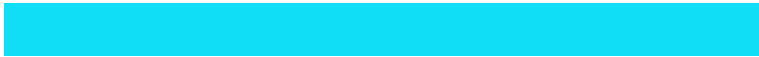
0FDEF6



4FD7FF

Triad

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



0FDEF6



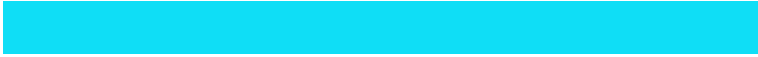
FFB0EE



DFC978

Complementary

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



0FDEF6



F6270F

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.



FFBB82



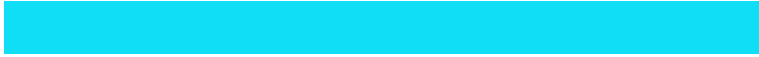
0FDEF6



FFAAC6

Square

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



0FDEF6



D6BDFF



FFAF9F



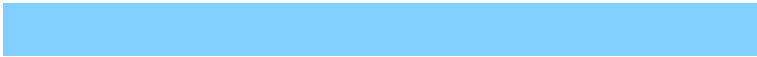
B4D586

Rectangle

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



0FDEF6



81D0FF



FFAF9F



ECC579

Sweetspot

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



0FDEF6



B8F8FF



0FF626



547B80



000000



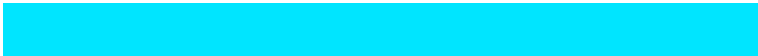
808080

Same Dimension

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



0FDEF6



00E5FF



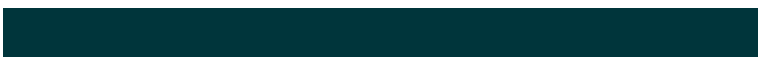
0F6BF6



6E797A



00A7BA



00353B

Inverse Universe

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



F60FDE



FF00E5



F69A0F



7A6E79



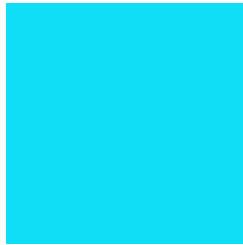
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 0FDEF6 looks on a white background.

Color Contrast Check

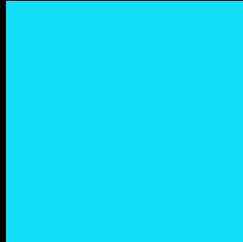
Large Text (above 18pt) WCAG AA × Fail

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 0FDEF6 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 0FDEF6 Background



This preview shows how black text looks on a background with the Hex color 0FDEF6.



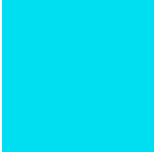
This preview shows how white text looks on a background with the Hex color 0FDEF6.

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



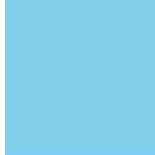


Tritanopia
00DFF1

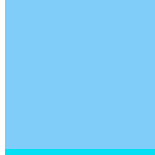
Trichromacy



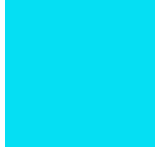
Original Color
0FDEF6



Protanomaly
82CFEC



Deuteranomaly
80CDFA

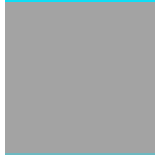


Tritanomaly
05DFF3

Monochromacy



Original Color
0FDEF6



Achromatopsia
A3A3A3



Achromatomaly
6DB8C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FDEF6 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 #0FDEF6 looks like.

```
.text, #text, p{  
    color:#0FDEF6  
}
```

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 #0FDEF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FDEF6  
}
```

Border

The CSS property to change the border of an element to Hex 0FDEF6 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  
#0FDEF6 }
```

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

```
.border{ border-color:#0FDEF6 }
```

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

Here you see how a box with a 4 pixel #0FDEF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FDEF6; -webkit-box-shadow:4px 4px  
4px 4px #0FDEF6; box-shadow:4px 4px 4px  
4px #0FDEF6 }
```

Background

The CSS property to change the background color of an element to Hex 0FDEF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FDEF6 }
```

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

```
.background{ background-color:#0FDEF6 }
```

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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