

Converting Colors

Hex(0DC2F4)

Have a look what the booklet for
Hex(0DC2F4) contains.

Hex(0DC2F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0DC2F4)

Conversions

Conversions Part 1

Format	Color
Hex	0DC2F4
RGB	13, 194, 244
RGB Percent	5%, 76%, 96%
CMY	0.9490, 0.2392, 0.0431
CMYK	0.95, 0.20, 0.00, 0.04
HSL	193°, 91%, 50%
HSV	193°, 95%, 96%
XYZ	35.7869, 45.2008, 92.4264
YIQ	145.5810, -123.9260, -22.8220

Conversions

Conversions Part 2

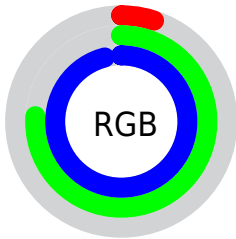
Format	Color
RYB	13, 114, 244
Decimal	901876
CIELab	73.02, -22.68, -35.88
CIELCh	73, 42.444, 237.707
Yxy	45.2008, 0.2064, 0.2607
Android (android.graphics.Color)	4279091956 (0xFF0DC2F4)
YUV	145.5810, 48.5206, -116.2735
Hunter-Lab	67.2315, -22.6408, -34.4467

Details

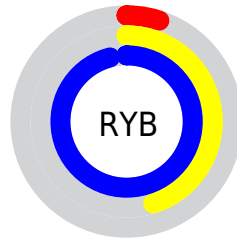
The Hex color **0DC2F4** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F43F0D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72FBFF**, and **008CBC** is the 20% darker color. If you saturate the color by 10%, you get **00BFF4**, and if you desaturate by 10%, it is **25C7F4**.

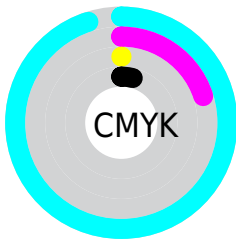
Distribution



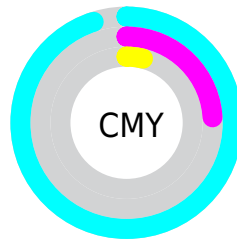
- Red (5%)
- Green (76%)
- Blue (96%)



- Red (5%)
- Yellow (45%)
- Blue (96%)



- Cyan (95%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DC2F4 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 0DC2F4 by changing the saturation by 10% instead.

 0DC2F4

 0DC2F4

FFFFFF

 00A7D7

 72FBFF

 008CBC

 93FFFF

 0073A0

 B4FFFF

 005A86

 D4FFFF

 00426D

 F3FFFF

 002C54

 00163C

 000326

 00010F

 0DC2F4

 0DC2F4

 00BFF4

 25C7F4

 3ECDF4

 56D2F4

 6FD7F4

 87DCF4

 9FE2F4

 B8E7F4

 D0ECF4

 E9F2F4

Harmonies

Analogous

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



00C7D6



0DC2F4



72B8FF

Triad

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



0DC2F4



FA95B8



A7BC6D

Complementary

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



0DC2F4



F43F0D

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.



CFB065



0DC2F4



FD9791

Square

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



0DC2F4



E19CDD



EDA273



79C488

Rectangle

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



0DC2F4



9FAFFD



EDA273



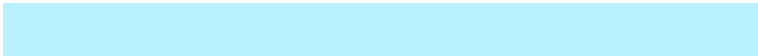
B5B868

Sweetspot

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



0DC2F4



B8FOFF



0DF43B



547680



000000



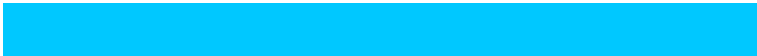
808080

Same Dimension

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



0DC2F4



00C8FF



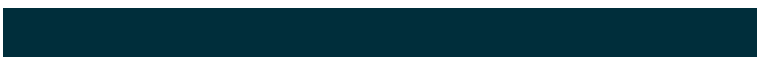
0D52F4



6E787A



0092BA



002E3B

Inverse Universe

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



F40DC2



FF00C8



F4AF0D



7A6E78



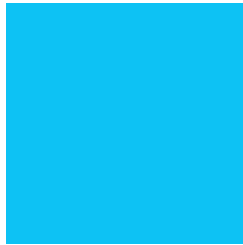
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 0DC2F4 looks on a white background.

Color Contrast Check

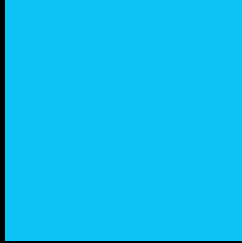
Large Text (above 18pt) WCAG AA × Fail

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 0DC2F4 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 0DC2F4 Background



This preview shows how black text looks on a background with the Hex color 0DC2F4.

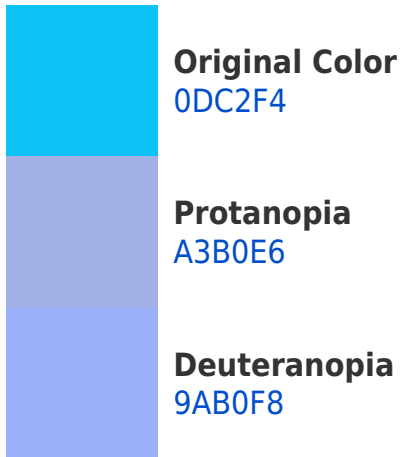


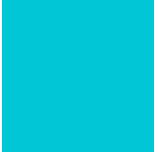
This preview shows how white text looks on a background with the Hex color 0DC2F4.

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
00C6D5

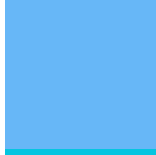
Trichromacy



Original Color
0DC2F4



Protanomaly
6CB7EB



Deuteranomaly
67B7F7



Tritanomaly
05C5E0

Monochromacy



Original Color
0DC2F4



Achromatopsia
929292



Achromatomaly
62A3B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DC2F4 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 #0DC2F4 looks like.

```
.text, #text, p{  
    color:#0DC2F4  
}
```

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 #0DC2F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DC2F4
}
```

Border

The CSS property to change the border of an element to Hex 0DC2F4 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
#0DC2F4 }
```

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

```
.border{ border-color:#0DC2F4 }
```

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

Here you see how a box with a 4 pixel #0DC2F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DC2F4; -webkit-box-shadow:4px 4px  
4px 4px #0DC2F4; box-shadow:4px 4px 4px  
4px #0DC2F4 }
```

Background

The CSS property to change the background color of an element to Hex 0DC2F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DC2F4 }
```

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

```
.background{ background-color:#0DC2F4 }
```

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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