

Converting Colors

Hex(0276FF)

Have a look what the booklet for
Hex(0276FF) contains.

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Color

Hex(0276FF)

Conversions

Conversions Part 1

Format	Color
Hex	0276FF
RGB	2, 118, 255
RGB Percent	1%, 46%, 100%
CMY	0.9922, 0.5373, 0.0000
CMYK	0.99, 0.54, 0.00, 0.00
HSL	212°, 100%, 50%
HSV	212°, 99%, 100%
XYZ	24.5535, 20.1898, 97.2106
YIQ	98.9340, -113.1130, 18.0150

Conversions

Conversions Part 2

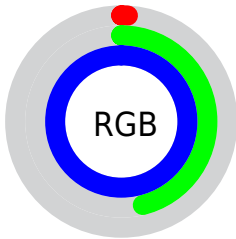
Format	Color
R _Y B	2, 82, 255
Decimal	161535
CIE Lab	52.05, 25.12, -75.25
CIE LCh	52, 79.333, 288.457
Yxy	20.1898, 0.1730, 0.1422
Android (android.graphics.Color)	4278351615 (0xFF0276FF)
YUV	98.9340, 76.9405, -85.0111
Hunter-Lab	44.9330, 18.9078, -96.8182

Details

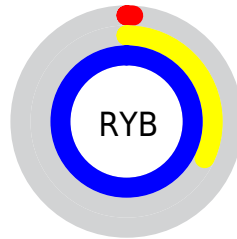
The Hex color **0276FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF8B02**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **71A9FF**, and **0047C5** is the 20% darker color. If you saturate the color by 10%, you get **0075FF**, and if you desaturate by 10%, it is **1B84FF**.

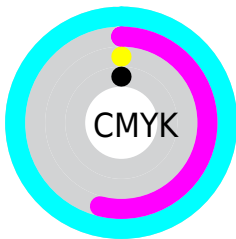
Distribution



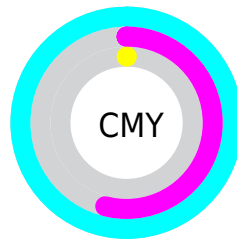
- Red (1%)
- Green (46%)
- Blue (100%)



- Red (1%)
- Yellow (32%)
- Blue (100%)



- Cyan (99%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0276FF 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 0276FF by changing the saturation by 10% instead.

 0276FF

 0276FF

FFFFFF

 005EE2

 71A9FF

 0047C5

 94C4FF

 0032A9

 B4E0FF

 00208E

 D4FDFF

 000A74

 F4FFFF

 000D5A

 000741

 00032A

 000115

 0276FF

 0276FF

 0075FF

 1B84FF

 3592FF

 4F9FFF

 68ADFF

 82BBFF

 9BC9FF

 B4D7FF

 CEE4FF

 E8F2FF

Harmonies

Analogous

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



008CFF



0276FF



B151D8

Triad

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



0276FF



D94D0E



00975F

Complementary

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



0276FF



FF8B02

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.



00920B



0276FF



AC7000

Square

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



0276FF



F02056



6F8600



0099A6

Rectangle

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



0276FF



D932B0



6F8600



009646

Sweetspot

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



0276FF



B3D6FF



02FF89



526780



000000



808080

Same Dimension

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



0276FF



0075FF



0A02FF



737980



0058BF



001D40

Inverse Universe

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



FF0276



FF0075



F7FF02



807379



BF0058



40001D

Previews

White Background



This preview shows how the Hex color 0276FF looks on a white background.

Color Contrast Check

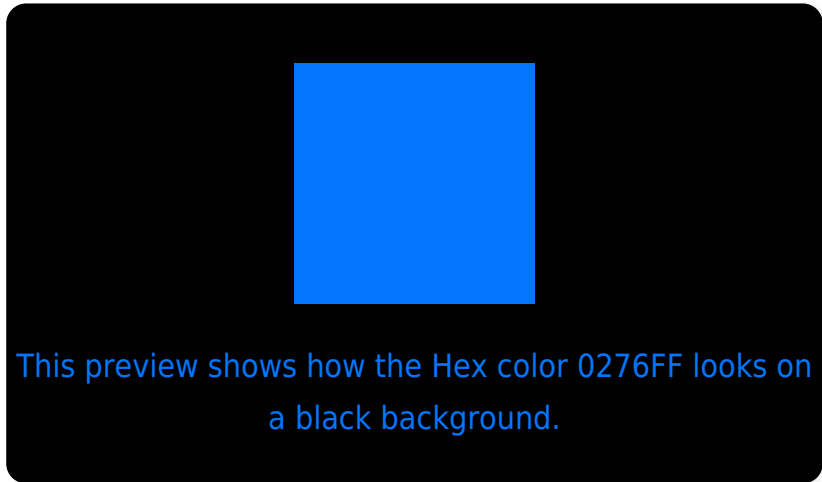
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

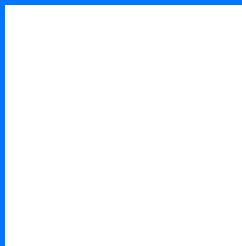
Any Text WCAG AAA × Fail

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

Hex 0276FF Background



This preview shows how black text looks on a background with the Hex color 0276FF.



This preview shows how white text looks on a background with the Hex color 0276FF.

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



Original Color
0276FF

Protanopia
0077FD

Deuteranopia
007EDA



Trichromacy



Original Color
0276FF

Protanomaly
0177FE

Deuteranomaly
017BE7

Tritanomaly
0182BA

Monochromacy



Original Color
0276FF

Achromatopsia
636363

Achromatomaly
406A9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0276FF 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 #0276FF looks like.

```
.text, #text, p{  
    color:#0276FF  
}
```

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 #0276FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0276FF
}
```

Border

The CSS property to change the border of an element to Hex 0276FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

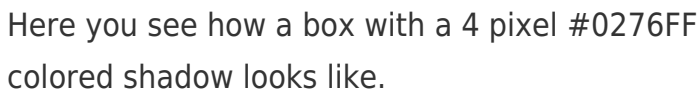
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0276FF }
```

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

```
.border{ border-color:#0276FF }
```

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



Here you see how a box with a 4 pixel #0276FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0276FF; -webkit-box-shadow:4px 4px  
4px 4px #0276FF; box-shadow:4px 4px 4px  
4px #0276FF }
```

Background

The CSS property to change the background color of an element to Hex 0276FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0276FF }
```

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

```
.background{ background-color:#0276FF }
```

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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