

# Converting Colors

Hex(276AFF)

Have a look what the booklet for  
Hex(276AFF) contains.

<b>Hex(276AFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(276AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	276AFF
RGB	39, 106, 255
RGB Percent	15%, 42%, 100%
CMY	0.8471, 0.5843, 0.0000
CMYK	0.85, 0.58, 0.00, 0.00
HSL	221°, 100%, 58%
HSV	221°, 85%, 100%
XYZ	24.0407, 17.9594, 96.8072
YIQ	102.9530, -87.7610, 32.1350

# Conversions

## Conversions Part 2

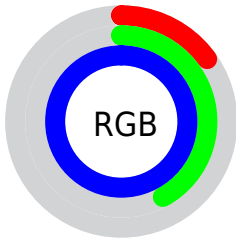
<b>Format</b>	<b>Color</b>
RYP	39, 90, 255
Decimal	2583295
CIELab	49.45, 34.11, -79.48
CIElCh	49, 86.486, 293.228
Yxy	17.9594, 0.1732, 0.1294
Android (android.graphics.Color)	4280773375 (0xFF276AFF)
YUV	102.9530, 74.9592, -56.0868
Hunter-Lab	42.3785, 27.0980, -105.7738

# Details

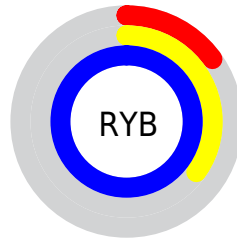
The Hex color **276AFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFBC27**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7B9DFF**, and **003CC5** is the 20% darker color. If you saturate the color by 10%, you get **0E58FF**, and if you desaturate by 10%, it is **417CFF**.

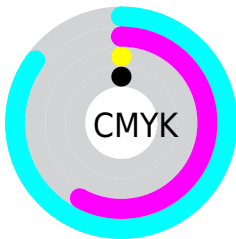
# Distribution



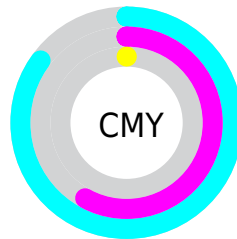
- Red (15%)
- Green (42%)
- Blue (100%)



- Red (15%)
- Yellow (35%)
- Blue (100%)



- Cyan (85%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (58%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 276AFF 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 276AFF by changing the saturation by 10% instead.



■ 276AFF

■ 276AFF

FFFFFF

■ 0052E2

■ 7B9DFF

■ 003CC5

■ 9DB7FF

■ 0028A9

■ BDD3FF

■ 00178E

■ DDEFFF

■ 000073

FDFFFF

■ 000D59

■ 000741

■ 00032A

■ 000114

■ 276AFF

■ 276AFF

■ 0E58FF

■ 417CFF

■ 004FFF

■ 5A8DFF

■ 749FFF

■ 8DB0FF

■ A7C2FF

■ C0D4FF

■ DAE5FF

■ F3F7FF

FFFFFF

# Harmonies

## Analogous

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



0085FF



276AFF



BA3ACF

# Triad

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



276AFF



D14700



009262

# Complementary

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



276AFF



FFBC27

# 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.



008D01



276AFF



9D6D00

# Square

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



276AFF



EE0041



588200



0093AE

# Rectangle

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



276AFF



E000A2



588200



009148



# Sweetspot

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



276AFF



BFD3FF



27FFBB



596580



000000



808080



# Same Dimension

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



276AFF



004FFF



4F27FF



737780



003BBF



001440



# Inverse Universe

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



FF276A



FF004F



D7FF27



807377



BF003B



400014



# Previews

## White Background



This preview shows how the Hex color 276AFF looks on a white background.

## Color Contrast Check

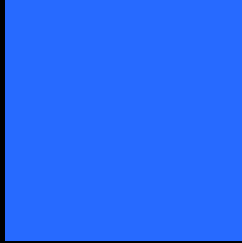
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 276AFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

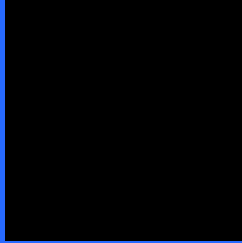
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

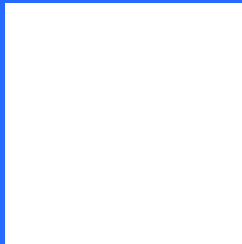
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 276AFF Background



This preview shows how black text looks on a background with the Hex color 276AFF.



This preview shows how white text looks on a background with the Hex color 276AFF.

# 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](#).

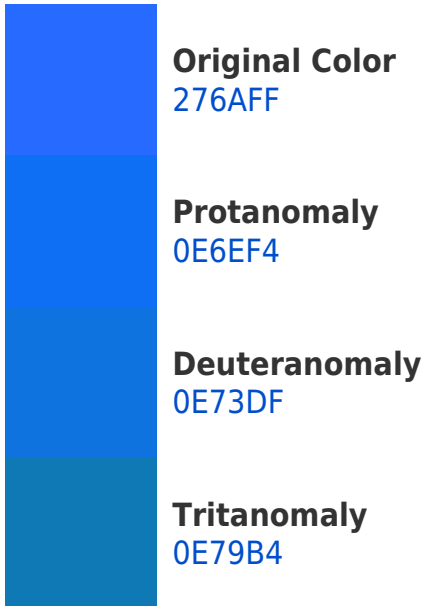
## Dichromacy



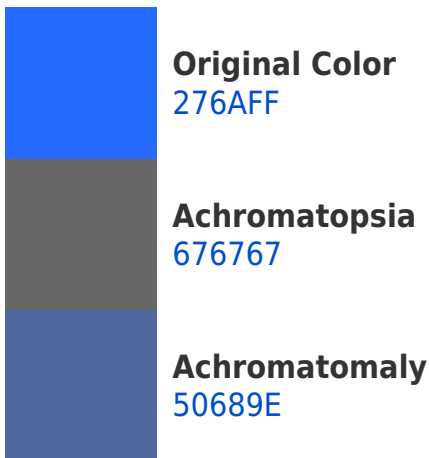


**Tritanopia**  
008189

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 276AFF 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 #276AFF looks like.

```
.text, #text, p{  
    color:#276AFF  
}
```

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 #276AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276AFF
}
```

## Border

The CSS property to change the border of an element to Hex 276AFF 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
#276AFF }
```

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

```
.border{ border-color:#276AFF }
```

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

Here you see how a box with a 4 pixel #276AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276AFF; -webkit-box-shadow:4px 4px  
4px 4px #276AFF; box-shadow:4px 4px 4px  
4px #276AFF }
```

# Background

The CSS property to change the background color of an element to Hex 276AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276AFF }
```

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

```
.background{ background-color:#276AFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor