

# Converting Colors

Hex(266DFF)

Have a look what the booklet for  
Hex(266DFF) contains.

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**Color**

**Hex(266DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	266DFF
RGB	38, 109, 255
RGB Percent	15%, 43%, 100%
CMY	0.8510, 0.5725, 0.0000
CMYK	0.85, 0.57, 0.00, 0.00
HSL	220°, 100%, 57%
HSV	220°, 85%, 100%
XYZ	24.3180, 18.5693, 96.9103
YIQ	104.4150, -89.1820, 30.3540

# Conversions

## Conversions Part 2

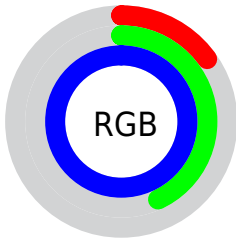
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">38, 91, 255</a>
Decimal	<a href="#">2518527</a>
CIELab	<a href="#">50.18, 32.16, -78.28</a>
CIELCh	<a href="#">50, 84.630, 292.336</a>
Yxy	<a href="#">18.5693, 0.1740, 0.1328</a>
Android (android.graphics.Color)	<a href="#">4280708607 (0xFF266DFF)</a>
YUV	<a href="#">104.4150, 74.2384, -58.2460</a>
Hunter-Lab	<a href="#">43.0922, 25.3206, -103.1732</a>

# Details

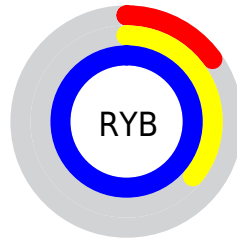
The Hex color **266DFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFB826**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7BA0FF**, and **003FC5** is the 20% darker color. If you saturate the color by 10%, you get **0D5CFF**, and if you desaturate by 10%, it is **407EFF**.

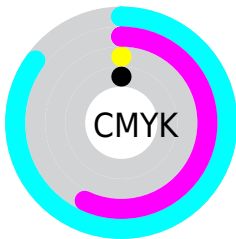
# Distribution



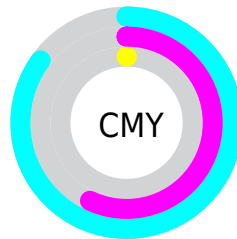
- Red (15%)
- Green (43%)
- Blue (100%)



- Red (15%)
- Yellow (36%)
- Blue (100%)



- Cyan (85%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (57%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 266DFF 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 266DFF by changing the saturation by 10% instead.



 266DFF

 266DFF

FFFFFF

 0055E2

 7BA0FF

 003FC5

 9CBBFF

 002AA9

 BCD6FF

 00198E

 DCF2FF

 000073

 FCFFFF

 000D5A

 000741

 00032A

 000114

■ 266DFF

■ 266DFF

■ 0D5CFF

■ 407EFF

■ 0053FF

■ 598FFF

■ 73A0FF

■ 8CB2FF

■ A6C3FF

■ BFD4FF

■ D9E5FF

■ F2F6FF

FFFFFF

# Harmonies

## Analogous

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



0087FF



266DFF



B841D1

# Triad

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



266DFF



D34900



009462

# Complementary

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



266DFF



FFB826

# 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.



008F05



266DFF



A16E00

# Square

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



266DFF



EF0046



5E8400



0095AD

# Rectangle

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



266DFF



DF09A5



5E8400



009248



# Sweetspot

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



266DFF



BDD2FF



26FFB7



586580



000000



808080



# Same Dimension

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



266DFF



0053FF



4A26FF



737780



003FBF



001540



# Inverse Universe

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



FF266D



FF0053



DBFF26



807377



BF003F



400015



# Previews

## White Background



This preview shows how the Hex color 266DFF looks on a white background.

## Color Contrast Check

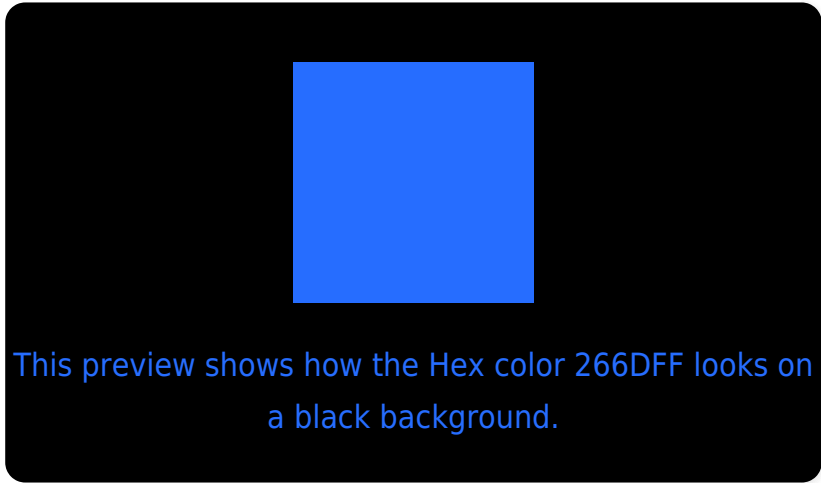
Large Text (above 18pt) WCAG AA ✓ Pass

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

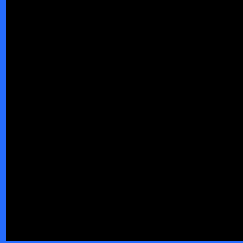
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

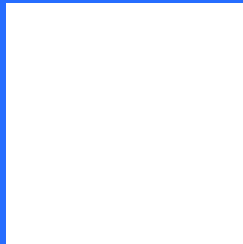
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 266DFF Background



This preview shows how black text looks on a background with the Hex color 266DFF.

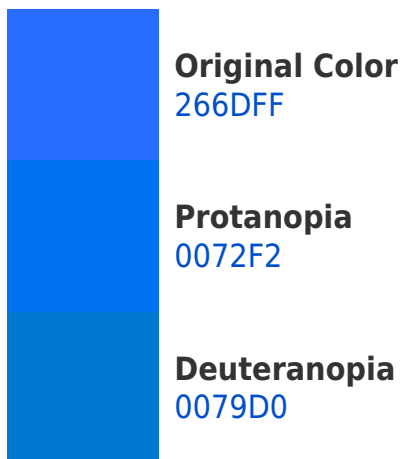


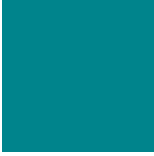
This preview shows how white text looks on a background with the Hex color 266DFF.

# 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**  
00848C

# Trichromacy



**Original Color**  
266DFF

**Protanomaly**  
0E70F7

**Deuteranomaly**  
0E75E1

**Tritanomaly**  
0E7CB6

# Monochromacy



**Original Color**  
266DFF

**Achromatopsia**  
686868

**Achromatomaly**  
506A9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 266DFF 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 #266DFF looks like.

```
.text, #text, p{  
  color:#266DFF  
}
```

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 #266DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266DFF
}
```

## Border

The CSS property to change the border of an element to Hex 266DFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

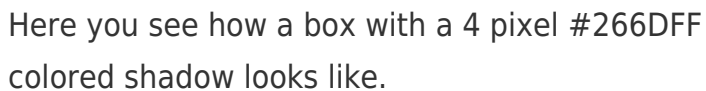
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#266DFF }
```

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

```
.border{ border-color:#266DFF }
```

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



Here you see how a box with a 4 pixel #266DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266DFF; -webkit-box-shadow:4px 4px  
4px 4px #266DFF; box-shadow:4px 4px 4px  
4px #266DFF }
```

# Background

The CSS property to change the background color of an element to Hex 266DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266DFF }
```

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

```
.background{ background-color:#266DFF }
```

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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