

# Converting Colors

Hex(2826FF)

Have a look what the booklet for  
Hex(2826FF) contains.

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**Color**

**Hex(2826FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2826FF
RGB	40, 38, 255
RGB Percent	16%, 15%, 100%
CMY	0.8431, 0.8510, 0.0000
CMYK	0.84, 0.85, 0.00, 0.00
HSL	241°, 100%, 57%
HSV	241°, 85%, 100%
XYZ	19.6182, 9.0573, 95.3220
YIQ	63.3360, -68.4650, 67.9110

# Conversions

## Conversions Part 2

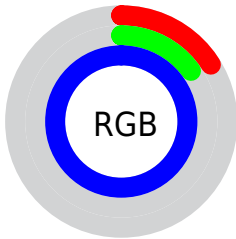
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 38, 255
Decimal	2631423
CIE <sub>Lab</sub>	36.09, 70.95, -101.51
CIE <sub>LCh</sub>	36, 123.843, 304.950
Yxy	9.0573, 0.1582, 0.0730
Android (android.graphics.Color)	4280821503 (0xFF2826FF)
YUV	63.3360, 94.4904, -20.4657
Hunter-Lab	30.0954, 63.6911, -166.7239

# Details

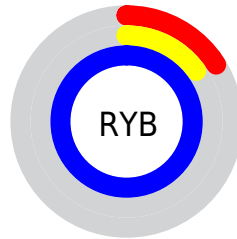
The Hex color **2826FF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **FDF226**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **815BFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0F0DFF**, and if you desaturate by 10%, it is **4140FF**.

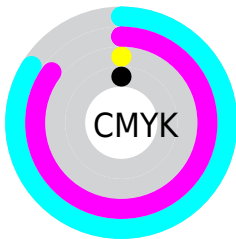
# Distribution



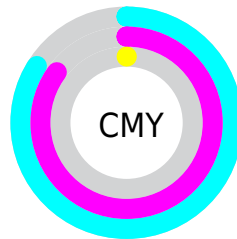
- Red (16%)
- Green (15%)
- Blue (100%)



- Red (16%)
- Yellow (15%)
- Blue (100%)



- Cyan (84%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (85%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2826FF 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 2826FF by changing the saturation by 10% instead.



 2826FF

 2826FF

FFFFFF

 0003E1

 815BFF

 0000C4

 A476FF

 0000A8

 C591FF

 00008D

 E6ADFF

 000D72

 FFC9FF

 000C58

 FFE6FF

 000740

 000329

 000113

 2826FF

 2826FF

 0F0DFF

 4140FF

 0200FF

 5B59FF

 7473FF

 8D8CFF

 A6A6FF

 C0BFFF

 D9D9FF

 F2F2FF

FFFFFF

# Harmonies

## Analogous

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



0064FF



2826FF



CC00AC

# Triad

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



2826FF



A71F00



007264

# Complementary

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



2826FF



FDFF26

# 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.



006F00



2826FF



5A5800

# Square

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



2826FF



DC0000



006A00



0076C8

# Rectangle

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



2826FF



EB006B



006A00



007141



# Sweetspot

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



2826FF



BDBDFF



26FFFF



585880



000000



808080



# Same Dimension

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



2826FF



0200FF



9326FF



737380



0200BF



010040



# Inverse Universe

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



FF26FD



FF00FD



93FF26



80737F



BF00BD

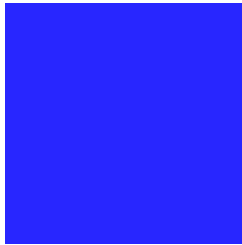


40003F



# Previews

## White Background



This preview shows how the Hex color 2826FF looks on a white background.

## Color Contrast Check

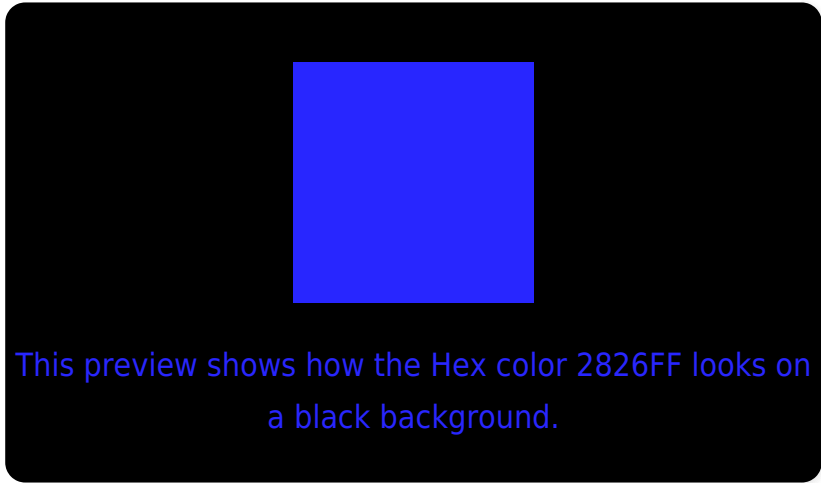
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex 2826FF Background



This preview shows how black text looks on a background with the Hex color 2826FF.



This preview shows how white text looks on a background with the Hex color 2826FF.

# 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**  
2826FF

**Protanopia**  
0051AA

**Deuteranopia**  
005690



**Tritanopia**  
005D62

# Trichromacy



**Original Color**  
2826FF



**Protanomaly**  
0F41C9



**Deuteranomaly**  
0F45B8



**Tritanomaly**  
0F499B

# Monochromacy



**Original Color**  
2826FF



**Achromatopsia**  
3F3F3F



**Achromatomaly**  
373685

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2826FF 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 #2826FF looks like.

```
.text, #text, p{  
    color:#2826FF  
}
```

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 #2826FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2826FF
}
```

## Border

The CSS property to change the border of an element to Hex 2826FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

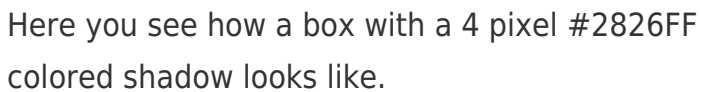
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2826FF }
```

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

```
.border{ border-color:#2826FF }
```

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



Here you see how a box with a 4 pixel #2826FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2826FF; -webkit-box-shadow:4px 4px  
4px 4px #2826FF; box-shadow:4px 4px 4px  
4px #2826FF }
```

# Background

The CSS property to change the background color of an element to Hex 2826FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2826FF }
```

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

```
.background{ background-color:#2826FF }
```

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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