

Converting Colors

Hex(3000FF)

Have a look what the booklet for
Hex(3000FF) contains.

Hex(3000FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(3000FF)

Conversions

Conversions Part 1

Format	Color
Hex	3000FF
RGB	48, 0, 255
RGB Percent	19%, 0%, 100%
CMY	0.8118, 1.0000, 0.0000
CMYK	0.81, 1.00, 0.00, 0.00
HSL	251°, 100%, 50%
HSV	251°, 100%, 100%
XYZ	19.2689, 7.8484, 95.1070
YIQ	43.4220, -53.2470, 89.4810

Conversions

Conversions Part 2

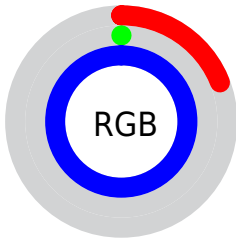
Format	Color
R _Y B	48, 0, 255
Decimal	3145983
CIE Lab	33.67, 79.65, -105.55
CIE LCh	34, 132.234, 307.039
Yxy	7.8484, 0.1577, 0.0642
Android (android.graphics.Color)	4281336063 (0xFF3000FF)
YUV	43.4220, 104.3080, 4.0149
Hunter-Lab	28.0150, 73.7476, -181.6712

Details

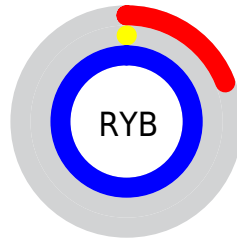
The Hex color **3000FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **CFFF00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8649FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **3000FF**, and if you desaturate by 10%, it is **4519FF**.

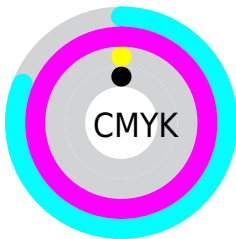
Distribution



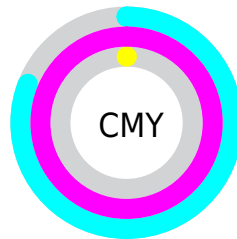
- Red (19%)
- Green (0%)
- Blue (100%)



- Red (19%)
- Yellow (0%)
- Blue (100%)



- Cyan (81%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3000FF 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 3000FF by changing the saturation by 10% instead.

 3000FF	 3000FF
 FFFFFFFF	 0000E1
 8649FF	 0000C4
 A965FF	 0000A8
 CA81FF	 00008C
 EB9DFF	 000E71
 FFB9FF	 000C58
 FFD6FF	 00073F
 FFF4FF	 000329
	 000112

 3000FF

 4519FF

 5933FF

 6E4DFF

 8366FF

 9880FF

 AC99FF

 C1B3FF

 D6CCFF

 EAE6FF

Harmonies

Analogous

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



005FFF



3000FF



D100A4

Triad

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



3000FF



9E1800



006C67

Complementary

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



3000FF



CFFF00

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.



006900



3000FF



4B5500

Square

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



3000FF



D80000



006500



0070D0

Rectangle

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



3000FF



ED005F



006500



006B42

Sweetspot

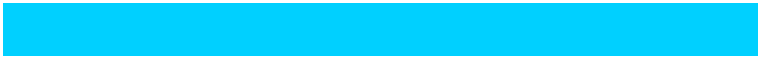
The Sweet Spot groups the original color and five complimentary colors.



3000FF



C1B3FF



00D0FF



5A5280



000000



808080

Same Dimension

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



3000FF



AE00FF



757380



2400BF



0C0040

Inverse Universe

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



FF00CF



51FF00



80737D



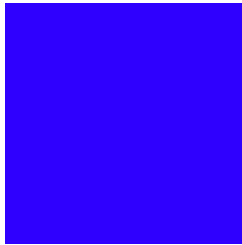
BF009B



400034

Previews

White Background



This preview shows how the Hex color 3000FF looks on a white background.

Color Contrast Check

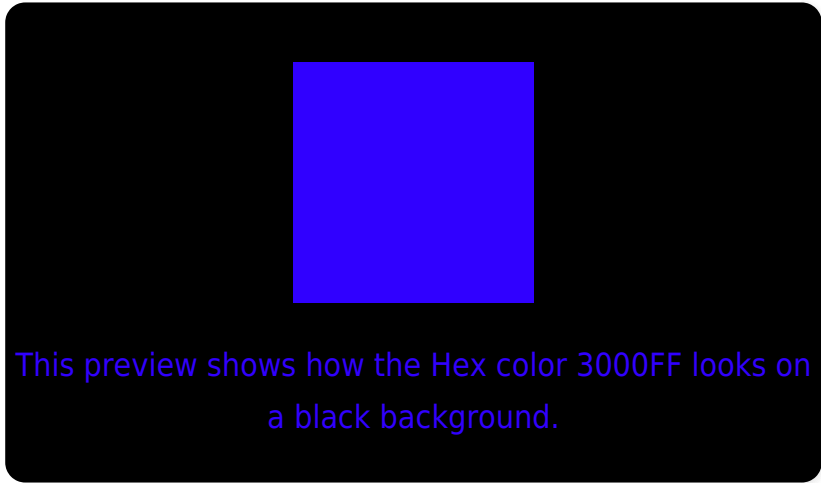
Large Text (above 18pt) WCAG AA ✓ Pass

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 3000FF Background



This preview shows how black text looks on a background with the Hex color 3000FF.

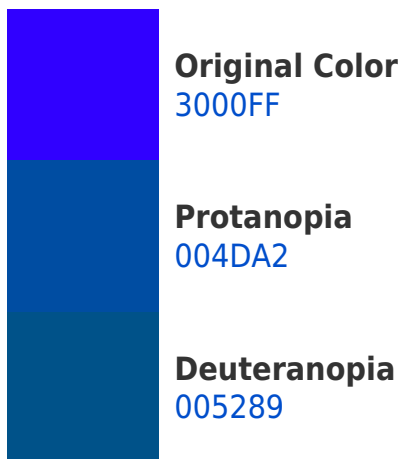


This preview shows how white text looks on a background with the Hex color 3000FF.

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
00595D

Trichromacy



Original Color
3000FF

Protanomaly
1131C4

Deuteranomaly
1134B4

Tritanomaly
113998

Monochromacy



Original Color
3000FF

Achromatopsia
2B2B2B

Achromatomaly
2D1B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 3000FF 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 #3000FF looks like.

```
.text, #text, p{  
    color:#3000FF  
}
```

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 #3000FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3000FF
}
```

Border

The CSS property to change the border of an element to Hex 3000FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

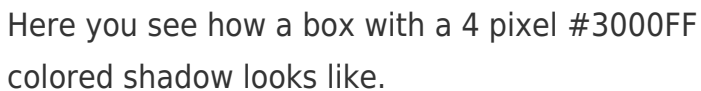
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3000FF }
```

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

```
.border{ border-color:#3000FF }
```

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



Here you see how a box with a 4 pixel #3000FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3000FF; -webkit-box-shadow:4px 4px  
4px 4px #3000FF; box-shadow:4px 4px 4px  
4px #3000FF }
```

Background

The CSS property to change the background color of an element to Hex 3000FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3000FF }
```

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

```
.background{ background-color:#3000FF }
```

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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