

Converting Colors

Hex(3017FF)

Have a look what the booklet for
Hex(3017FF) contains.

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Color

Hex(3017FF)

Conversions

Conversions Part 1

Format	Color
Hex	3017FF
RGB	48, 23, 255
RGB Percent	19%, 9%, 100%
CMY	0.8118, 0.9098, 0.0000
CMYK	0.81, 0.91, 0.00, 0.00
HSL	246°, 100%, 55%
HSV	246°, 91%, 100%
XYZ	19.5753, 8.4612, 95.2092
YIQ	56.9230, -59.5720, 77.4520

Conversions

Conversions Part 2

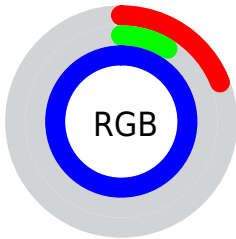
Format	Color
R _Y B	48, 23, 255
Decimal	3151871
CIE Lab	34.93, 75.77, -103.45
CIE LCh	35, 128.228, 306.220
Yxy	8.4612, 0.1588, 0.0687
Android (android.graphics.Color)	4281341951 (0xFF3017FF)
YUV	56.9230, 97.6520, -7.8255
Hunter-Lab	29.0881, 69.2204, -173.7024

Details

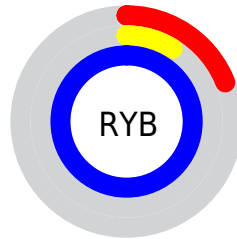
The Hex color **3017FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **E6FF17**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8552FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **1B00FF**, and if you desaturate by 10%, it is **4731FF**.

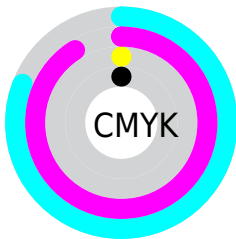
Distribution



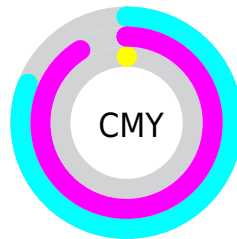
- Red (19%)
- Green (9%)
- Blue (100%)



- Red (19%)
- Yellow (9%)
- Blue (100%)



- Cyan (81%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3017FF 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 3017FF by changing the saturation by 10% instead.

■ 3017FF

■ 3017FF

FFFFFF

■ 0000E1

■ 8552FF

■ 0000C4

■ A86DFF

■ 0000A8

■ C989FF

■ 00008C

■ EAA5FF

■ 000D72

■ FFC1FF

■ 000C58

■ FFDEFF

■ 000740

■ FFFBFF

■ 000329

■ 000112

 3017FF

 3017FF

 1B00FF

 4731FF

 5E4AFF

 7463FF

 8B7DFF

 A296FF

 B9B0FF

 CFCAFF

 E6E3FF

 FDFCFF

Harmonies

Analogous

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



0062FF



3017FF



D000A8

Triad

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



3017FF



A21C00



006F67

Complementary

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



3017FF



E6FF17

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.



006C00



3017FF



525700

Square

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



3017FF



DA0000



006700



0073CD

Rectangle

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



3017FF



ED0065



006700



006E42

Sweetspot

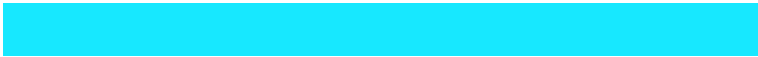
The Sweet Spot groups the original color and five complimentary colors.



3017FF



C2BAFF



17E8FF



5B5780



000000



808080

Same Dimension

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



3017FF



1B00FF



A217FF



747380



1500BF



070040

Inverse Universe

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



FF17E6



FF00E4



74FF17



80737E



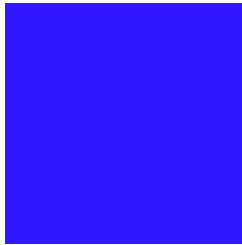
BF00AB



400039

Previews

White Background



This preview shows how the Hex color 3017FF looks on a white background.

Color Contrast Check

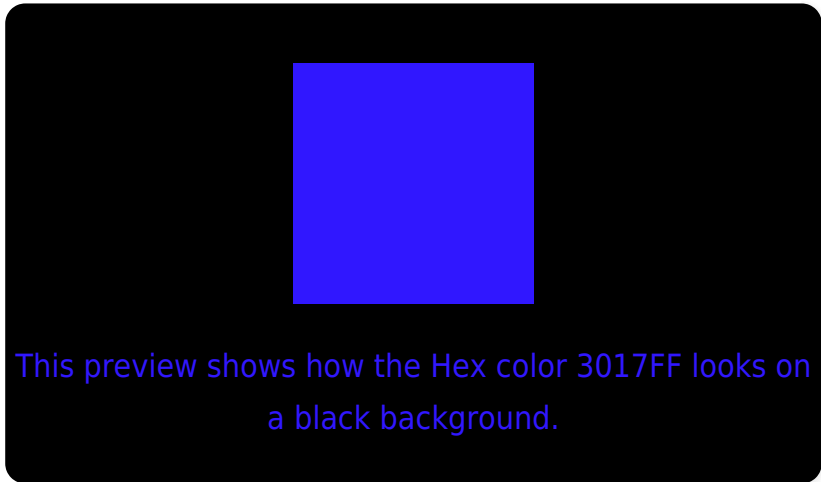
Large Text (above 18pt) WCAG AA ✓ Pass

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 3017FF Background



This preview shows how black text looks on a background with the Hex color 3017FF.



This preview shows how white text looks on a background with the Hex color 3017FF.

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
3017FF

Protanopia
004FA5

Deuteranopia
00548C



Tritanopia
005B5F

Trichromacy



Original Color
3017FF

Protanomaly
113BC6

Deuteranomaly
113EB6

Tritanomaly
114299

Monochromacy



Original Color
3017FF

Achromatopsia
393939

Achromatomaly
362D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 3017FF 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 #3017FF looks like.

```
.text, #text, p{  
    color:#3017FF  
}
```

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 #3017FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3017FF
}
```

Border

The CSS property to change the border of an element to Hex 3017FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

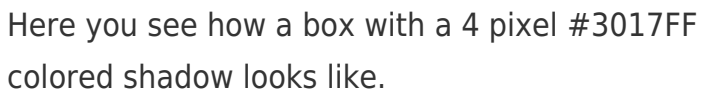
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3017FF }
```

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

```
.border{ border-color:#3017FF }
```

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



Here you see how a box with a 4 pixel #3017FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3017FF; -webkit-box-shadow:4px 4px  
4px 4px #3017FF; box-shadow:4px 4px 4px  
4px #3017FF }
```

Background

The CSS property to change the background color of an element to Hex 3017FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3017FF }
```

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

```
.background{ background-color:#3017FF }
```

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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