

Converting Colors

Hex(3013FF)

Have a look what the booklet for
Hex(3013FF) contains.

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Color

Hex(3013FF)

Conversions

Conversions Part 1

Format	Color
Hex	3013FF
RGB	48, 19, 255
RGB Percent	19%, 7%, 100%
CMY	0.8118, 0.9255, 0.0000
CMYK	0.81, 0.93, 0.00, 0.00
HSL	247°, 100%, 54%
HSV	247°, 93%, 100%
XYZ	19.5018, 8.3141, 95.1847
YIQ	54.5750, -58.4720, 79.5440

Conversions

Conversions Part 2

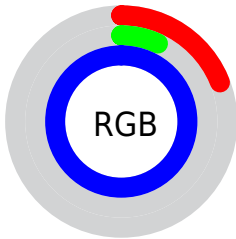
Format	Color
R _Y B	48, 19, 255
Decimal	3150847
CIE Lab	34.63, 76.68, -103.94
CIE LCh	35, 129.165, 306.416
Yxy	8.3141, 0.1586, 0.0676
Android (android.graphics.Color)	4281340927 (0xFF3013FF)
YUV	54.5750, 98.8095, -5.7663
Hunter-Lab	28.8342, 70.2672, -175.5383

Details

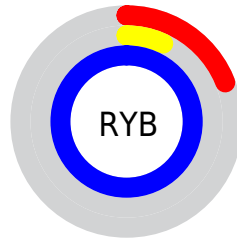
The Hex color **3013FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **E2FF13**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8650FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **1F00FF**, and if you desaturate by 10%, it is **462DFF**.

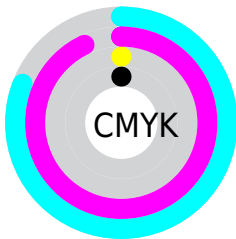
Distribution



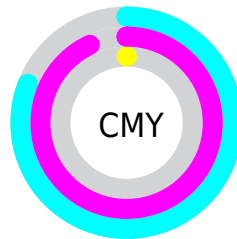
- Red (19%)
- Green (7%)
- Blue (100%)



- Red (19%)
- Yellow (7%)
- Blue (100%)



- Cyan (81%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3013FF 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 3013FF by changing the saturation by 10% instead.

 3013FF

 3013FF

FFFFFF

 0000E1

 8650FF

 0000C4

 A86CFF

 0000A8

 C987FF

 00008C

 EAA3FF

 000D72

 FFBFFF

 000C58

 FFDCFF

 000740

 FFF9FF

 000329

 000112

 3013FF

 3013FF

 1F00FF

 462DFF

 5D46FF

 7360FF

 8979FF

 A093FF

 B6ACFF

 CDC6FF

 E3DFFF

 F9F9FF

Harmonies

Analogous

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



0061FF



3013FF



D000A7

Triad

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



3013FF



A11B00



006E67

Complementary

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



3013FF



E2FF13

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



3013FF



505600

Square

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



3013FF



D90000



006700



0073CE

Rectangle

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



3013FF



ED0063



006700



006D42

Sweetspot

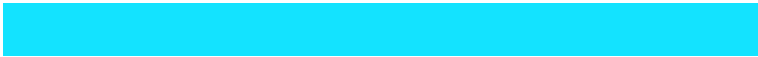
The Sweet Spot groups the original color and five complimentary colors.



3013FF



C0B8FF



13E3FF



595480



000000



808080

Same Dimension

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



3013FF



1F00FF



A513FF



747380



1800BF



080040

Inverse Universe

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



FF13E2



FF00E0



6DFF13



80737E



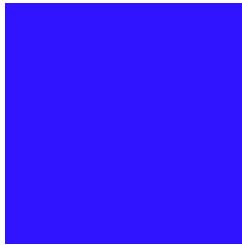
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 3013FF looks on a white background.

Color Contrast Check

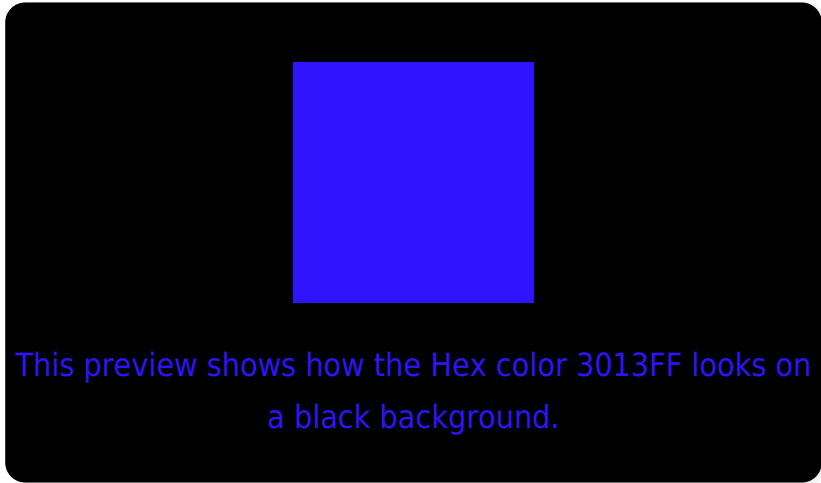
Large Text (above 18pt) WCAG AA ✓ Pass

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

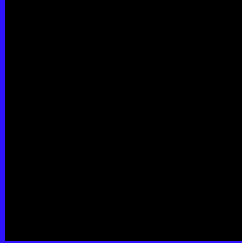
Any Text WCAG AA × Fail

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 3013FF Background



This preview shows how black text looks on a background with the Hex color 3013FF.



This preview shows how white text looks on a background with the Hex color 3013FF.

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
3013FF

Protanopia
004EA4

Deuteranopia
00538B



Tritanopia
005A5E

Trichromacy



Original Color
3013FF

Protanomaly
1139C5

Deuteranomaly
113CB5

Tritanomaly
114099

Monochromacy



Original Color
3013FF

Achromatopsia
373737

Achromatomaly
342A80

CSS Examples

Text

The CSS property to change the color of the text to Hex 3013FF 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 #3013FF looks like.

```
.text, #text, p{  
    color:#3013FF  
}
```

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 #3013FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3013FF
}
```

Border

The CSS property to change the border of an element to Hex 3013FF 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
#3013FF }
```

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

```
.border{ border-color:#3013FF }
```

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

Here you see how a box with a 4 pixel #3013FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3013FF; -webkit-box-shadow:4px 4px  
4px 4px #3013FF; box-shadow:4px 4px 4px  
4px #3013FF }
```

Background

The CSS property to change the background color of an element to Hex 3013FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3013FF }
```

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

```
.background{ background-color:#3013FF }
```

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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