

# Converting Colors

Hex(020FF3)

Have a look what the booklet for  
Hex(020FF3) contains.

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# Color

**Hex(020FF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	020FF3
RGB	2, 15, 243
RGB Percent	1%, 6%, 95%
CMY	0.9922, 0.9412, 0.0471
CMYK	0.99, 0.94, 0.00, 0.05
HSL	237°, 98%, 48%
HSV	237°, 99%, 95%
XYZ	16.3735, 6.8256, 85.2485
YIQ	37.1050, -80.9360, 68.1520

# Conversions

## Conversions Part 2

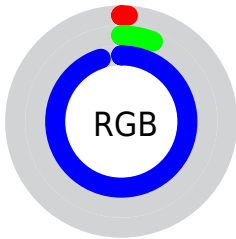
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 14, 243
Decimal	135155
CIE Lab	31.41, 73.87, -102.60
CIE LCh	31, 126.425, 305.754
Yxy	6.8256, 0.1510, 0.0629
Android (android.graphics.Color)	4278325235 (0xFF020FF3)
YUV	37.1050, 101.5062, -30.7871
Hunter-Lab	26.1259, 66.1486, -175.1746

# Details

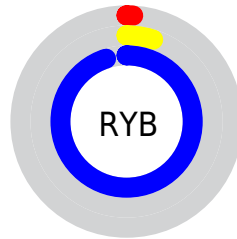
The Hex color **020FF3** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F3E602**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **764BFF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **000DF3**, and if you desaturate by 10%, it is **1A26F3**.

# Distribution



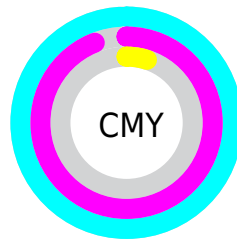
- Red (1%)
- Green (6%)
- Blue (95%)



- Red (1%)
- Yellow (5%)
- Blue (95%)



- Cyan (99%)
- Magenta (94%)
- Yellow (0%)
- Black (5%)



- Cyan (99%)
- Magenta (94%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 020FF3 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 020FF3 by changing the saturation by 10% instead.



 020FF3

 020FF3

FFFFFF

 0000D6

 764BFF

 0000B9

 9966FF

 00009D

 BB81FF

 000082

 DB9DFF

 001067

 FCB9FF

 000A4E

 FFD5FF

 000536

 FFF3FF

 000220

 000004

■ 020FF3

■ 020FF3

■ 000DF3

■ 1A26F3

■ 333DF3

■ 4B54F3

■ 636BF3

■ 7B82F3

■ 9499F3

■ ACB0F3

■ C4C7F3

■ DDDEF3

# Harmonies

## Analogous

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



005AFF



020FF3



C2009E

# Triad

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



020FF3



970D00



00655C

# Complementary

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



020FF3



F3E602

# 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.



006200



020FF3



4A4E00

# Square

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



020FF3



CD0000



005E00



0069C0

# Rectangle

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



020FF3



DE005D



005E00



006439



# Sweetspot

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



020FF3



B3B7FF



02F3E3



525480



000000



808080



# Same Dimension

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



020FF3



000EFF



6A02F3



6E6F7A



000ABA



00033B



# Inverse Universe

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



F3020F



FF000E



8BF302



7A6E6F



BA000A

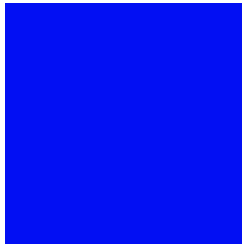


3B0003



# Previews

## White Background



This preview shows how the Hex color 020FF3 looks on a white background.

## Color Contrast Check

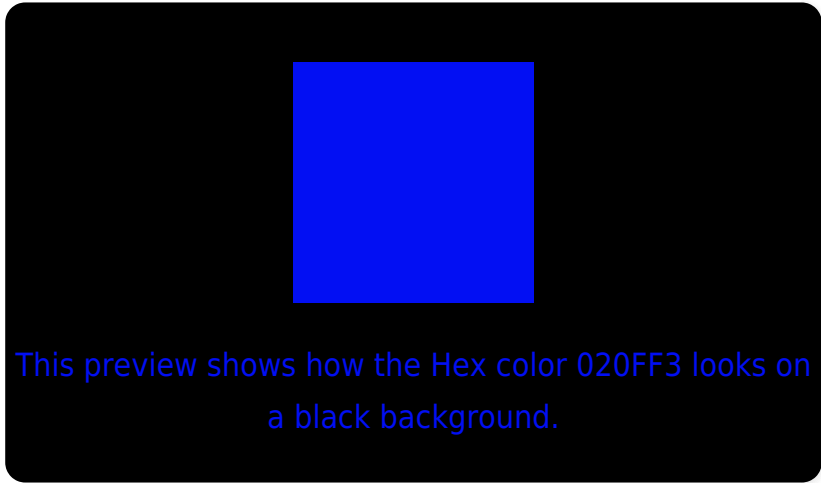
Large Text (above 18pt) WCAG AA ✓ Pass

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 020FF3 Background



This preview shows how black text looks on a background with the Hex color 020FF3.



This preview shows how white text looks on a background with the Hex color 020FF3.

# 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**  
020FF3

**Protanopia**  
004896

**Deuteranopia**  
004D7F



# Trichromacy



**Original Color**  
020FF3

**Protanomaly**  
0133B8

**Deuteranomaly**  
0136A9

**Tritanomaly**  
013A8F

# Monochromacy



**Original Color**  
020FF3

**Achromatopsia**  
252525

**Achromatomaly**  
181D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 020FF3 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 #020FF3 looks like.

```
.text, #text, p{  
    color:#020FF3  
}
```

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 #020FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020FF3
}
```

## Border

The CSS property to change the border of an element to Hex 020FF3 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".

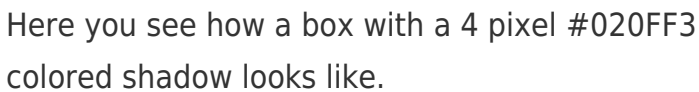
```
.border, #border, table{ border:4px solid
#020FF3 }
```

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

```
.border{ border-color:#020FF3 }
```

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

Here you see how a box with a 4 pixel #020FF3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020FF3; -webkit-box-shadow:4px 4px  
4px 4px #020FF3; box-shadow:4px 4px 4px  
4px #020FF3 }
```

# Background

The CSS property to change the background color of an element to Hex 020FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020FF3 }
```

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

```
.background{ background-color:#020FF3 }
```

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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