

# Converting Colors

Hex(020AF9)

Have a look what the booklet for  
Hex(020AF9) contains.

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**Color**

**Hex(020AF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	020AF9
RGB	2, 10, 249
RGB Percent	1%, 4%, 98%
CMY	0.9922, 0.9608, 0.0235
CMYK	0.99, 0.96, 0.00, 0.02
HSL	238°, 98%, 49%
HSV	238°, 99%, 98%
XYZ	17.2325, 7.0695, 90.0788
YIQ	34.8540, -81.4870, 72.6330

# Conversions

## Conversions Part 2

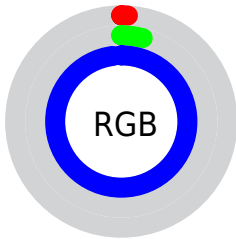
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 10, 249
Decimal	133881
CIE Lab	31.96, 76.25, -105.05
CIE LCh	32, 129.807, 305.972
Yxy	7.0695, 0.1507, 0.0618
Android (android.graphics.Color)	4278323961 (0xFF020AF9)
YUV	34.8540, 105.5740, -28.8130
Hunter-Lab	26.5886, 69.1583, -182.2550

# Details

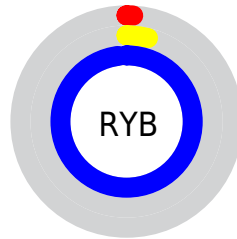
The Hex color **020AF9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F9F102**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **774AFF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **0008F9**, and if you desaturate by 10%, it is **1B22F9**.

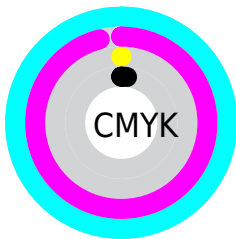
# Distribution



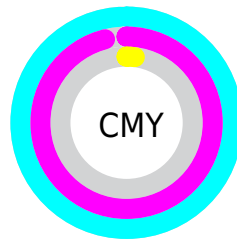
- Red (1%)
- Green (4%)
- Blue (98%)



- Red (1%)
- Yellow (4%)
- Blue (98%)



- Cyan (99%)
- Magenta (96%)
- Yellow (0%)
- Black (2%)



- Cyan (99%)
- Magenta (96%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 020AF9 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 020AF9 by changing the saturation by 10% instead.



 020AF9

 020AF9

FFFFFF

 0000DB

 774AFF

 0000BF

 9B65FF

 0000A2

 BD81FF

 000087

 DE9CFF

 00126C

 FFB8FF

 000B53

 FFD5FF

 00063B

 FFF2FF

 000224

 00000C

■ 020AF9

■ 020AF9

■ 0008F9

■ 1B22F9

■ 343AF9

■ 4D52F9

■ 666AF9

■ 7E82F9

■ 979BF9

■ B0B3F9

■ C9CBF9

■ E2E3F9

# Harmonies

## Analogous

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



005CFF



020AF9



C700A1

# Triad

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



020AF9



9A0C00



00675F

# Complementary

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



020AF9



F9F102

# 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.



006400



020AF9



4A5000

# Square

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



020AF9



D10000



006000



006BC6

# Rectangle

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



020AF9



E4005E



006000



00663A



# Sweetspot

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



020AF9



B3B5FF



02F9F1



525380



000000



808080



# Same Dimension

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



020AF9



0008FF



7502F9



70717D



0006BD



00023D



# Inverse Universe

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



F9020A



FF0008



86F902



7D7071



BD0006

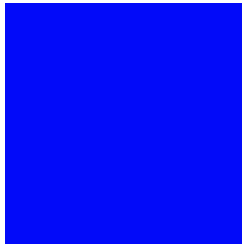


3D0002



# Previews

## White Background



This preview shows how the Hex color 020AF9 looks on a white background.

## Color Contrast Check

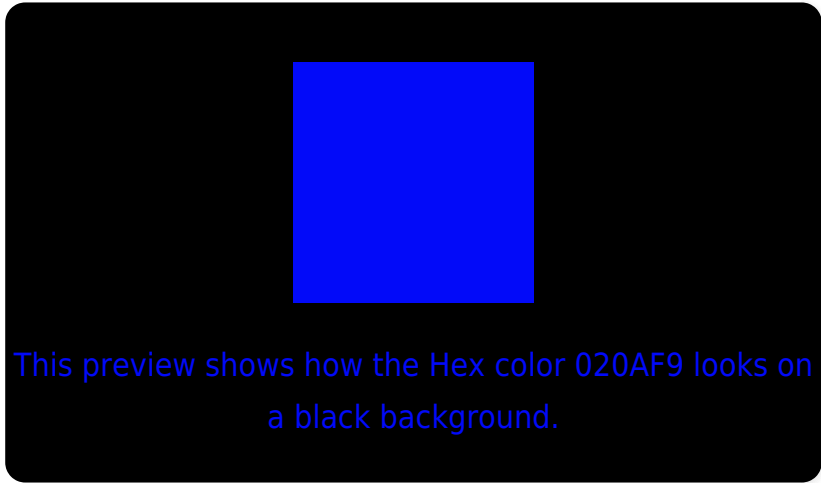
Large Text (above 18pt) WCAG AA ✓ Pass

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 020AF9 Background



This preview shows how black text looks on a background with the Hex color 020AF9.



This preview shows how white text looks on a background with the Hex color 020AF9.

# 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**  
020AF9

**Protanopia**  
004999

**Deuteranopia**  
004E82

# Trichromacy



**Original Color**  
020AF9

**Protanomaly**  
0132BC

**Deuteranomaly**  
0135AD

# Monochromacy



**Original Color**  
020AF9

**Achromatopsia**  
232323

**Achromatomaly**  
171A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 020AF9 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 #020AF9 looks like.

```
.text, #text, p{  
    color:#020AF9  
}
```

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 #020AF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020AF9
}
```

## Border

The CSS property to change the border of an element to Hex 020AF9 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".

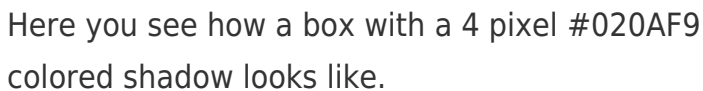
```
.border, #border, table{ border:4px solid
#020AF9 }
```

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

```
.border{ border-color:#020AF9 }
```

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

Here you see how a box with a 4 pixel #020AF9 colored shadow looks like.

A rectangular box with a thick 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 #020AF9; -webkit-box-shadow:4px 4px  
4px 4px #020AF9; box-shadow:4px 4px 4px  
4px #020AF9 }
```

# Background

The CSS property to change the background color of an element to Hex 020AF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020AF9 }
```

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

```
.background{ background-color:#020AF9 }
```

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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