

# Converting Colors

Hex(3042F9)

Have a look what the booklet for  
Hex(3042F9) contains.

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# Color

**Hex(3042F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3042F9
RGB	48, 66, 249
RGB Percent	19%, 26%, 98%
CMY	0.8118, 0.7412, 0.0235
CMYK	0.81, 0.73, 0.00, 0.02
HSL	235°, 94%, 58%
HSV	235°, 81%, 98%
XYZ	20.2660, 11.3644, 90.7479
YIQ	81.4800, -69.4710, 53.0970

# Conversions

## Conversions Part 2

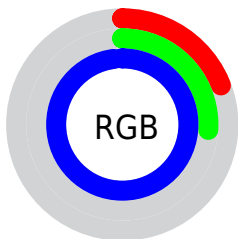
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	48, 65, 249
Decimal	3162873
CIE Lab	40.19, 56.52, -91.34
CIE LCh	40, 107.414, 301.749
Yxy	11.3644, 0.1656, 0.0929
Android (android.graphics.Color)	4281352953 (0xFF3042F9)
YUV	81.4800, 82.5874, -29.3620
Hunter-Lab	33.7111, 48.3142, -136.0070

# Details

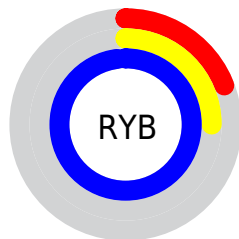
The Hex color **3042F9** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F9E730**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8174FF**, and **0014BF** is the 20% darker color. If you saturate the color by 10%, you get **172BF9**, and if you desaturate by 10%, it is **4959F9**.

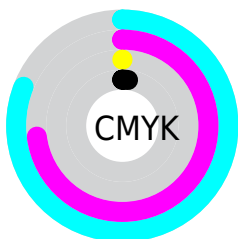
# Distribution



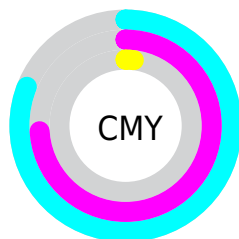
- Red (19%)
- Green (26%)
- Blue (98%)



- Red (19%)
- Yellow (25%)
- Blue (98%)



- Cyan (81%)
- Magenta (73%)
- Yellow (0%)
- Black (2%)



- Cyan (81%)
- Magenta (74%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3042F9 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 3042F9 by changing the saturation by 10% instead.



 3042F9

 3042F9

FFFFFF

 002ADC

 8174FF

 0014BF

 A38EFF

 0000A3

 C3A9FF

 000088

 E3C4FF

 00096D

 FFE1FF

 000B54

 FFFDFF

 00063B

 000225

 00010D

■ 3042F9

■ 3042F9

■ 172BF9

■ 4959F9

■ 0016F9

■ 626FF9

■ 7B86F9

■ 949DF9

■ ACB3F9

■ C5CAF9

■ DEE1F9

■ F7F7F9

■ FFFFF9

# Harmonies

## Analogous

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



006DFF



3042F9



C300B4

# Triad

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



3042F9



B22E00



007C62

# Complementary

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



3042F9



F9E730

# 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.



007900



3042F9



705E00

# Square

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



3042F9



DF0006



007100



007EBB

# Rectangle

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



3042F9



E4007B



007100



007B43



# Sweetspot

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



3042F9



C2C7FF



30F9E5



5B5E80



000000



808080



# Same Dimension

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



3042F9



081EFF



8030F9



70727D



0011BD



00053D



# Inverse Universe

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



F93042



FF081E



A9F930



7D7072



BD0011

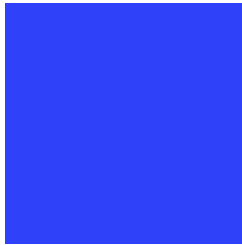


3D0005



# Previews

## White Background



This preview shows how the Hex color 3042F9 looks on a white background.

## Color Contrast Check

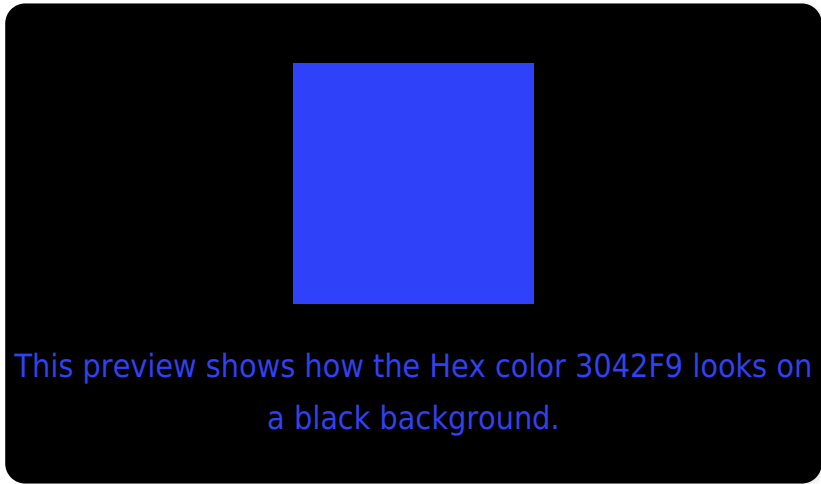
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

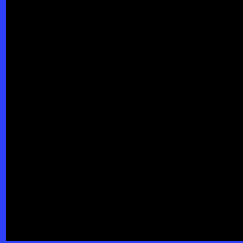
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3042F9 Background



This preview shows how black text looks on a background with the Hex color 3042F9.

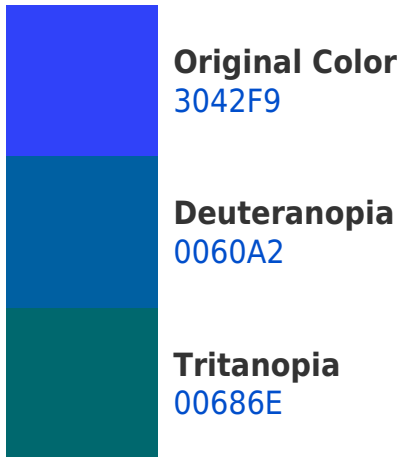


This preview shows how white text looks on a background with the Hex color 3042F9.

# 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



# Trichromacy



**Original Color**  
3042F9

**Deuteranomaly**  
1155C2

**Tritanomaly**  
115AA1

# Monochromacy



**Original Color**  
3042F9

**Achromatopsia**  
515151

**Achromatomaly**  
454C8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3042F9 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 #3042F9 looks like.

```
.text, #text, p{  
    color:#3042F9  
}
```

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 #3042F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3042F9
}
```

## Border

The CSS property to change the border of an element to Hex 3042F9 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".

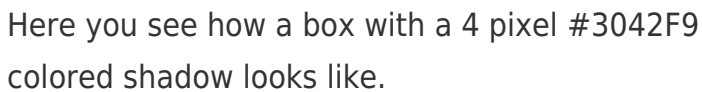
```
.border, #border, table{ border:4px solid
#3042F9 }
```

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

```
.border{ border-color:#3042F9 }
```

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

Here you see how a box with a 4 pixel #3042F9 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 blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3042F9; -webkit-box-shadow:4px 4px  
4px 4px #3042F9; box-shadow:4px 4px 4px  
4px #3042F9 }
```

# Background

The CSS property to change the background color of an element to Hex 3042F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3042F9 }
```

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

```
.background{ background-color:#3042F9 }
```

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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