

# Converting Colors

Hex(0036F8)

Have a look what the booklet for  
Hex(0036F8) contains.

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**Color**

**Hex(0036F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0036F8
RGB	0, 54, 248
RGB Percent	0%, 21%, 97%
CMY	1.0000, 0.7882, 0.0275
CMYK	1.00, 0.78, 0.00, 0.03
HSL	227°, 100%, 49%
HSV	227°, 100%, 97%
XYZ	18.2624, 9.4156, 89.6618
YIQ	59.9700, -94.4580, 48.8860

# Conversions

## Conversions Part 2

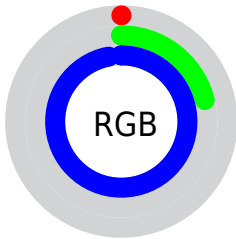
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 44, 248
Decimal	14072
CIE Lab	36.77, 61.05, -96.47
CIE LCh	37, 114.170, 302.327
Yxy	9.4156, 0.1556, 0.0802
Android (android.graphics.Color)	4278204152 (0xFF0036F8)
YUV	59.9700, 92.6988, -52.5937
Hunter-Lab	30.6849, 52.5375, -151.7668

# Details

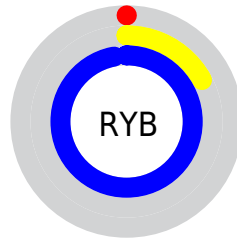
The Hex color **0036F8** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F8C200**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7468FF**, and **0005BE** is the 20% darker color. If you saturate the color by 10%, you get **0036F8**, and if you desaturate by 10%, it is **1949F8**.

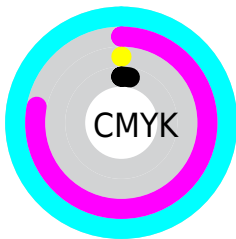
# Distribution



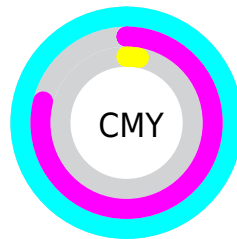
- Red (0%)
- Green (21%)
- Blue (97%)



- Red (0%)
- Yellow (17%)
- Blue (97%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (79%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0036F8 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 0036F8 by changing the saturation by 10% instead.



 0036F8

 0036F8

FFFFFF

 001EDB

 7468FF

 0005BE

 9782FF

 0000A2

 B99CFF

 000086

 D9B8FF

 000F6C

 FAD4FF

 000B52

 FFF0FF

 00063A

 000224

 00000B

 0036F8

 1949F8

 325DF8

 4A70F8

 6384F8

 7C97F8

 95AAF8

 AEBEF8

 C6D1F8

 DFE5F8

# Harmonies

## Analogous

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



0066FF



0036F8



C000AE

# Triad

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



0036F8



A91F00



00735C

# Complementary

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



0036F8



F8C200

# 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.



007000



0036F8



645700

# Square

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



0036F8



D90000



006900



0076B9

# Rectangle

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



0036F8



E00073



006900



00723B



# Sweetspot

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



0036F8



B3C3FF



00F8BE



525C80



000000



808080



# Same Dimension

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



0036F8



0038FF



4200F8



70737D



0029BD



000D3D



# Inverse Universe

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



F80036



FF0038



B6F800



7D7073



BD0029



3D000D



# Previews

## White Background



This preview shows how the Hex color 0036F8 looks on a white background.

## Color Contrast Check

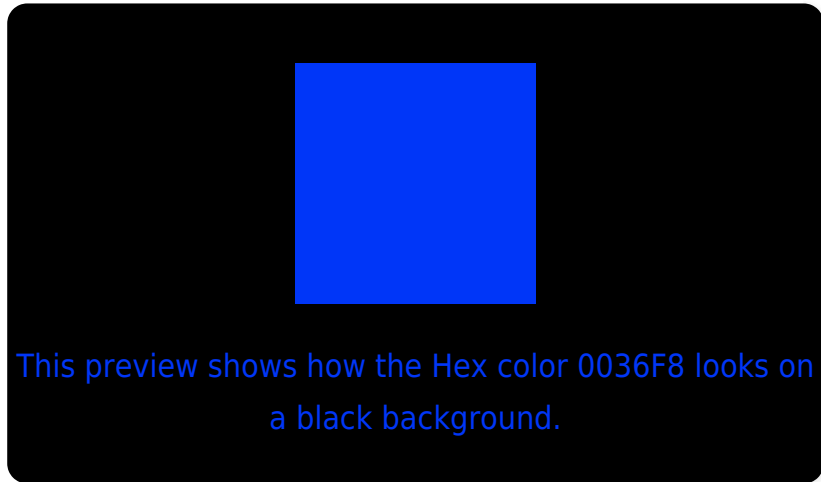
Large Text (above 18pt) WCAG AA ✓ Pass

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

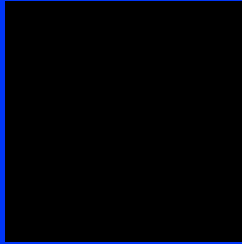
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0036F8 Background



This preview shows how black text looks on a background with the Hex color 0036F8.



This preview shows how white text looks on a background with the Hex color 0036F8.

# 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**  
0036F8

**Protanopia**  
0053AE

**Deuteranopia**  
005894



**Tritanopia**  
005F64

# Trichromacy



**Original Color**  
0036F8

**Protanomaly**  
0048C9

**Deuteranomaly**  
004CB8

**Tritanomaly**  
00509A

# Monochromacy



**Original Color**  
0036F8

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
263A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0036F8 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 #0036F8 looks like.

```
.text, #text, p{  
    color:#0036F8  
}
```

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 #0036F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0036F8
}
```

## Border

The CSS property to change the border of an element to Hex 0036F8 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
#0036F8 }
```

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

```
.border{ border-color:#0036F8 }
```

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

Here you see how a box with a 4 pixel #0036F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0036F8; -webkit-box-shadow:4px 4px  
4px 4px #0036F8; box-shadow:4px 4px 4px  
4px #0036F8 }
```

# Background

The CSS property to change the background color of an element to Hex 0036F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0036F8 }
```

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

```
.background{ background-color:#0036F8 }
```

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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