

# Converting Colors

Hex(061AF4)

Have a look what the booklet for  
Hex(061AF4) contains.

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# Color

**Hex(061AF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	061AF4
RGB	6, 26, 244
RGB Percent	2%, 10%, 96%
CMY	0.9765, 0.8980, 0.0431
CMYK	0.98, 0.89, 0.00, 0.04
HSL	235°, 95%, 49%
HSV	235°, 98%, 96%
XYZ	16.7736, 7.3092, 86.1147
YIQ	44.8720, -81.8980, 63.5580

# Conversions

## Conversions Part 2

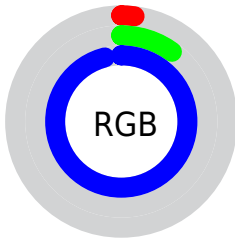
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 24, 244
Decimal	400116
CIE Lab	32.50, 71.40, -101.33
CIE LCh	33, 123.964, 305.169
Yxy	7.3092, 0.1522, 0.0663
Android (android.graphics.Color)	4278590196 (0xFF061AF4)
YUV	44.8720, 98.1701, -34.0907
Hunter-Lab	27.0355, 63.4349, -169.9286

# Details

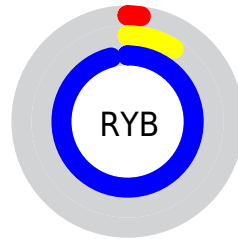
The Hex color **061AF4** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F4E006**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7651FF**, and **0000BA** is the 20% darker color. If you saturate the color by 10%, you get **0015F4**, and if you desaturate by 10%, it is **1E30F4**.

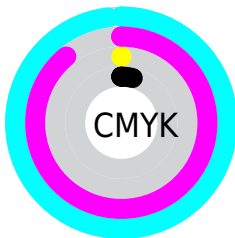
# Distribution



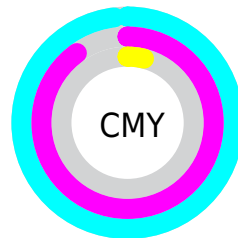
- Red (2%)
- Green (10%)
- Blue (96%)



- Red (2%)
- Yellow (9%)
- Blue (96%)



- Cyan (98%)
- Magenta (89%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (90%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 061AF4 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 061AF4 by changing the saturation by 10% instead.



061AF4

061AF4

FFFFFF

0000D7

7651FF

0000BA

996CFF

00009E

BB87FF

000082

DCA2FF

001168

FCBEFF

000A4F

FFDBFF

000537

FFF8FF

000221

000005

■ 061AF4

■ 061AF4

■ 0015F4

■ 1E30F4

■ 3747F4

■ 4F5DF4

■ 6873F4

■ 808AF4

■ 98A0F4

■ B1B6F4

■ C9CDF4

■ E2E3F4

# Harmonies

## Analogous

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



005DFF



061AF4



C200A1

# Triad

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



061AF4



9B1200



00685C

# Complementary

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



061AF4



F4E006

# 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.



006500



061AF4



4F5000

# Square

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



061AF4



CF0000



006000



006CBF

# Rectangle

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



061AF4



DF0061



006000



00673A



# Sweetspot

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



061AF4



B5BBFF



06F4DC



535780



000000



808080



# Same Dimension

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



061AF4



0015FF



6506F4



6E6F7A



0010BA



00053B



# Inverse Universe

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



F4061A



FF0015



95F406



7A6E6F



BA0010

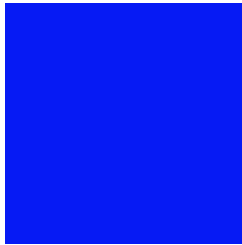


3B0005



# Previews

## White Background



This preview shows how the Hex color 061AF4 looks on a white background.

## Color Contrast Check

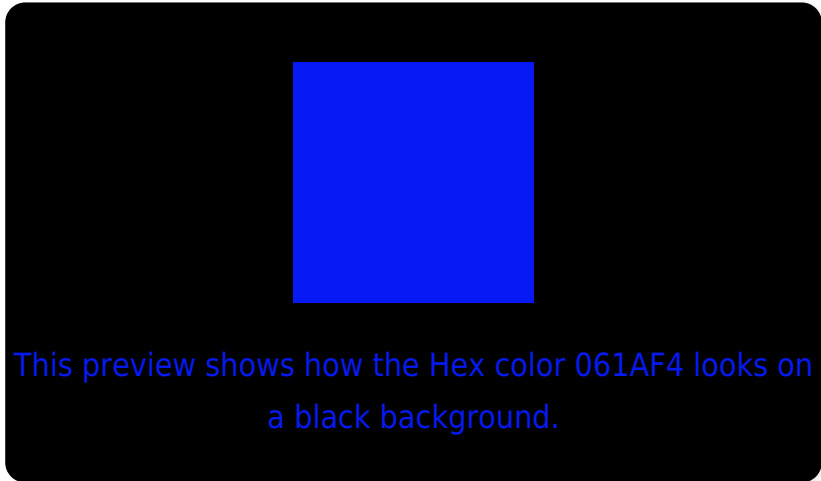
Large Text (above 18pt) WCAG AA ✓ Pass

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

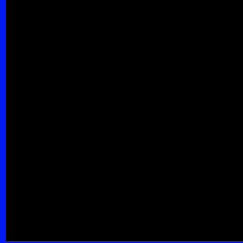
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 061AF4 Background



This preview shows how black text looks on a background with the Hex color 061AF4.

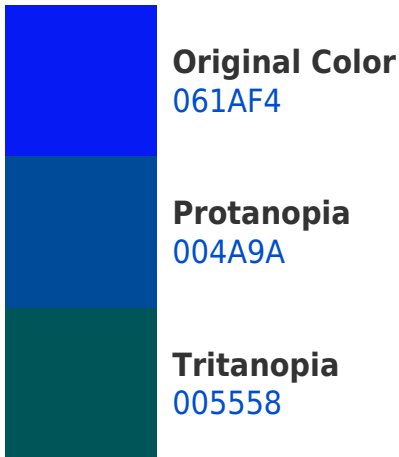


This preview shows how white text looks on a background with the Hex color 061AF4.

# 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**  
061AF4

**Protanomaly**  
0239BB

**Tritanomaly**  
024091

# Monochromacy



**Original Color**  
061AF4

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
1F2675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 061AF4 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 #061AF4 looks like.

```
.text, #text, p{  
    color:#061AF4  
}
```

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 #061AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #061AF4
}
```

## Border

The CSS property to change the border of an element to Hex 061AF4 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".

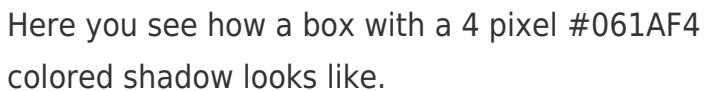
```
.border, #border, table{ border:4px solid
#061AF4 }
```

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

```
.border{ border-color:#061AF4 }
```

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

Here you see how a box with a 4 pixel #061AF4 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 #061AF4; -webkit-box-shadow:4px 4px  
4px 4px #061AF4; box-shadow:4px 4px 4px  
4px #061AF4 }
```

# Background

The CSS property to change the background color of an element to Hex 061AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#061AF4 }
```

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

```
.background{ background-color:#061AF4 }
```

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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