

# Converting Colors

Hex(6F09FF)

Have a look what the booklet for  
Hex(6F09FF) contains.

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**Color**

**Hex(6F09FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F09FF
RGB	111, 9, 255
RGB Percent	44%, 4%, 100%
CMY	0.5647, 0.9647, 0.0000
CMYK	0.56, 0.96, 0.00, 0.00
HSL	265°, 100%, 52%
HSV	265°, 96%, 100%
XYZ	24.7032, 10.7949, 95.3894
YIQ	67.5420, -18.1740, 98.1300

# Conversions

## Conversions Part 2

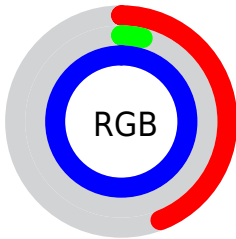
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 9, 255
Decimal	7277055
CIELab	39.23, 81.01, -96.14
CIELCh	39, 125.724, 310.119
Yxy	10.7949, 0.1887, 0.0825
Android (android.graphics.Color)	4285467135 (0xFF6F09FF)
YUV	67.5420, 92.4168, 38.1127
Hunter-Lab	32.8556, 76.7122, -149.1374

# Details

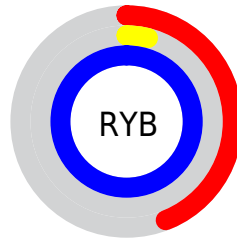
The Hex color **6F09FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **99FF09**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B153FF**, and **1200C5** is the 20% darker color. If you saturate the color by 10%, you get **6A00FF**, and if you desaturate by 10%, it is **7E22FF**.

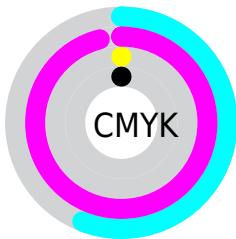
# Distribution



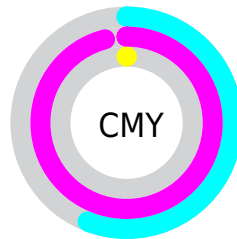
- Red (44%)
- Green (4%)
- Blue (100%)



- Red (44%)
- Yellow (4%)
- Blue (100%)



- Cyan (56%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (96%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F09FF 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 6F09FF by changing the saturation by 10% instead.



 6F09FF

 6F09FF

FFFFFF

 4A00E1

 B153FF

 1200C5

 D170FF

 0000A8

 F18CFF

 00008D

 FFA9FF

 000072

 FFC6FF

 000C58

 FFE3FF

 000740

 000329

 000113

 6F09FF

 6F09FF

 6A00FF

 7E22FF

 8D3CFF

 9C56FF

 AB6FFF

 BA89FF

 C9A2FF

 D7BCFF

 E6D5FF

 F5EFFF

# Harmonies

## Analogous

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



0066FF



6F09FF



E300A5

# Triad

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



6F09FF



A63800



007C7F

# Complementary

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



6F09FF



99FF09

# 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



6F09FF



516400

# Square

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



6F09FF



E10000



007400



007FE3

# Rectangle

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



6F09FF



FB0062



007400



007B5B



# Sweetspot

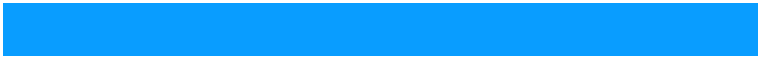
The Sweet Spot groups the original color and five complimentary colors.



6F09FF



D4B5FF



099DFF



655380



000000



808080



# Same Dimension

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



6F09FF



6A00FF



E609FF



787380



4F00BF



1A0040



# Inverse Universe

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



FF0999



FF0095



22FF09



80737A



BF0070

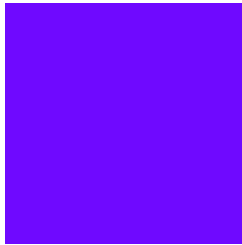


400025



# Previews

## White Background



This preview shows how the Hex color 6F09FF looks on a white background.

## Color Contrast Check

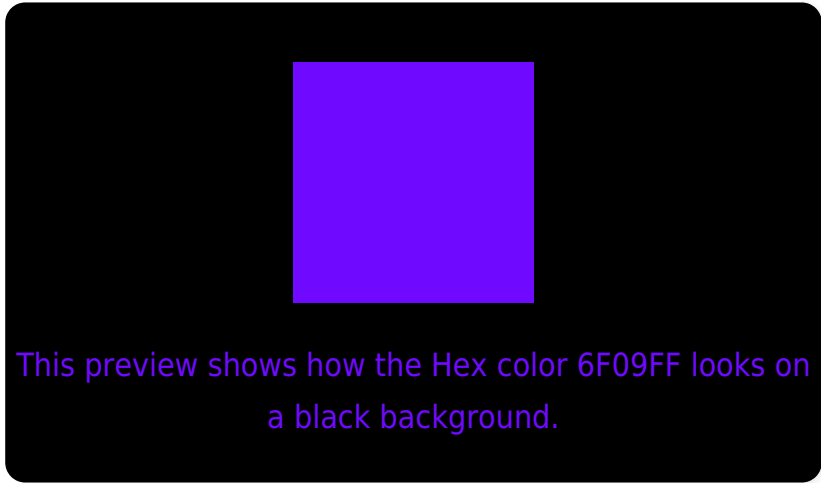
Large Text (above 18pt) WCAG AA ✓ Pass

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

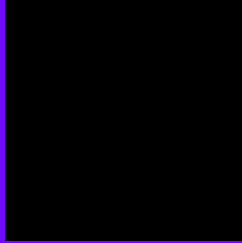
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F09FF Background



This preview shows how black text looks on a background with the Hex color 6F09FF.




This preview shows how white text looks on a background with the Hex color 6F09FF.

# 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





**Tritanopia**  
38636B

# Trichromacy



**Original Color**  
6F09FF



**Protanomaly**  
283DD4



**Deuteranomaly**  
2840C3



**Tritanomaly**  
4C42A1

# Monochromacy



**Original Color**  
6F09FF



**Achromatopsia**  
444444



**Achromatomaly**  
542F88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F09FF 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 #6F09FF looks like.

```
.text, #text, p{  
    color:#6F09FF  
}
```

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 #6F09FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F09FF
}
```

## Border

The CSS property to change the border of an element to Hex 6F09FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

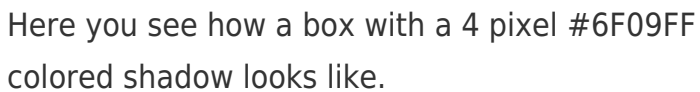
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F09FF }
```

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

```
.border{ border-color:#6F09FF }
```

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



Here you see how a box with a 4 pixel #6F09FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F09FF; -webkit-box-shadow:4px 4px  
4px 4px #6F09FF; box-shadow:4px 4px 4px  
4px #6F09FF }
```

# Background

The CSS property to change the background color of an element to Hex 6F09FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F09FF }
```

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

```
.background{ background-color:#6F09FF }
```

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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