

# Converting Colors

Hex(6734F9)

Have a look what the booklet for  
Hex(6734F9) contains.

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# Color

**Hex(6734F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6734F9
RGB	103, 52, 249
RGB Percent	40%, 20%, 98%
CMY	0.5961, 0.7961, 0.0235
CMYK	0.59, 0.79, 0.00, 0.02
HSL	256°, 94%, 59%
HSV	256°, 79%, 98%
XYZ	23.9204, 12.1791, 90.7126
YIQ	89.7070, -32.8410, 72.0790

# Conversions

## Conversions Part 2

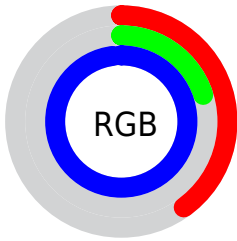
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	103, 52, 249
Decimal	6763769
CIE Lab	41.50, 67.84, -89.05
CIE LCh	41, 111.949, 307.299
Yxy	12.1791, 0.1886, 0.0960
Android (android.graphics.Color)	4284953849 (0xFF6734F9)
YUV	89.7070, 78.5314, 11.6580
Hunter-Lab	34.8986, 61.2761, -129.6848

# Details

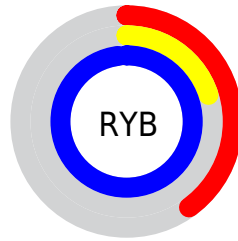
The Hex color **6734F9** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **C6F934**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A86AFF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **551BF9**, and if you desaturate by 10%, it is **794DF9**.

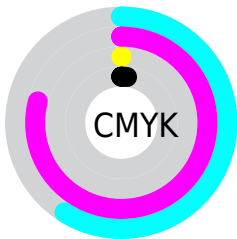
# Distribution



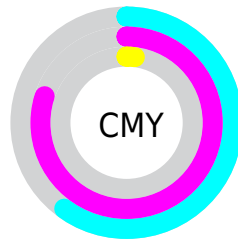
- Red (40%)
- Green (20%)
- Blue (98%)



- Red (40%)
- Yellow (20%)
- Blue (98%)



- Cyan (59%)
- Magenta (79%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (80%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6734F9 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 6734F9 by changing the saturation by 10% instead.



 6734F9

 6734F9

FFFFFF

 4216DC

 A86AFF

 0000BF

 C885FF

 0000A3

 E7A0FF

 000088

 FFBCFF

 00006D

 FFD9FF

 000B53

 FFF6FF

 00063B

 000225

 00010D

■ 6734F9

■ 6734F9

■ 551BF9

■ 794DF9

■ 4202F9

■ 8C66F9

■ 4000F9

■ 9E7FF9

■ B198F9

■ C3B1F9

■ D6C9F9

■ E8E2F9

■ FBF9F9

■ FFFF9

# Harmonies

## Analogous

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



006BFF



6734F9



D800AB

# Triad

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



6734F9



AD3D00



008177

# Complementary

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



6734F9



C6F934

# 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.



007E05



6734F9



646700

# Square

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



6734F9



E10000



007700



0083D2

# Rectangle

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



6734F9



F1006F



007700



008057



# Sweetspot

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



6734F9



D2C2FF



34C8F9



645B80



000000



808080



# Same Dimension

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



6734F9



4B0DFF



C834F9



74707D



3100BD



10003D



# Inverse Universe

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



F934C6



FF0DC0



65F934



7D707A



BD008C

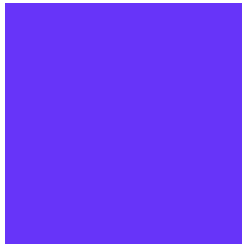


3D002D



# Previews

## White Background



This preview shows how the Hex color 6734F9 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

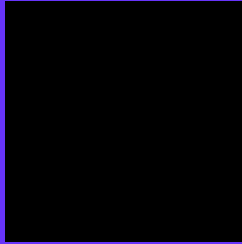
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6734F9 Background



This preview shows how black text looks on a background with the Hex color 6734F9.



This preview shows how white text looks on a background with the Hex color 6734F9.

# 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**  
6734F9

**Protanopia**  
005EC6

**Deuteranopia**  
0064A9



**Tritanopia**  
2D6A72

# Trichromacy



**Original Color**  
6734F9



**Protanomaly**  
254FD9



**Deuteranomaly**  
2553C6



**Tritanomaly**  
4256A3

# Monochromacy



**Original Color**  
6734F9



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
5F4C94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6734F9 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 #6734F9 looks like.

```
.text, #text, p{  
    color:#6734F9  
}
```

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 #6734F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6734F9
}
```

## Border

The CSS property to change the border of an element to Hex 6734F9 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
#6734F9 }
```

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

```
.border{ border-color:#6734F9 }
```

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

Here you see how a box with a 4 pixel #6734F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6734F9; -webkit-box-shadow:4px 4px  
4px 4px #6734F9; box-shadow:4px 4px 4px  
4px #6734F9 }
```

# Background

The CSS property to change the background color of an element to Hex 6734F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6734F9 }
```

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

```
.background{ background-color:#6734F9 }
```

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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