

# Converting Colors

Hex(7046F3)

Have a look what the booklet for  
Hex(7046F3) contains.

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**Color**

**Hex(7046F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7046F3
RGB	112, 70, 243
RGB Percent	44%, 27%, 95%
CMY	0.5608, 0.7255, 0.0471
CMYK	0.54, 0.71, 0.00, 0.05
HSL	255°, 88%, 61%
HSV	255°, 71%, 95%
XYZ	25.0499, 14.2961, 86.2332
YIQ	102.2800, -30.5010, 62.7070

# Conversions

## Conversions Part 2

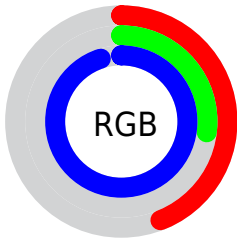
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 70, 243
Decimal	7358195
CIE <sub>Lab</sub>	44.65, 59.13, -80.46
CIE <sub>LCh</sub>	45, 99.854, 306.311
Yxy	14.2961, 0.1995, 0.1138
Android (android.graphics.Color)	4285548275 (0xFF7046F3)
YUV	102.2800, 69.3750, 8.5244
Hunter-Lab	37.8102, 52.0914, -108.7546

# Details

The Hex color **7046F3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **C9F346**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AE7AFF**, and **2610B9** is the 20% darker color. If you saturate the color by 10%, you get **5E2EF3**, and if you desaturate by 10%, it is **825EF3**.

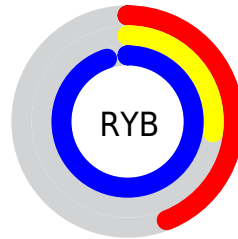
# Distribution



Red (44%)

Green (27%)

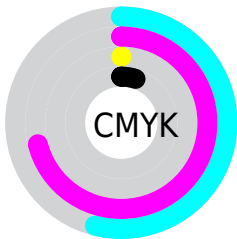
Blue (95%)



Red (44%)

Yellow (27%)

Blue (95%)

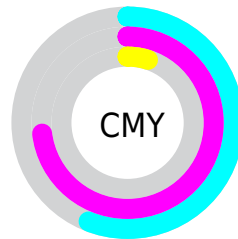


Cyan (54%)

Magenta (71%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (73%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7046F3 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 7046F3 by changing the saturation by 10% instead.



 7046F3

 7046F3

FFFFFF

 4F2CD6

 AE7AFF

 2610B9

 CD95FF

 00009E

 ECB0FF

 000083

 FFCCFF

 000068

 FFE9FF

 000A4F

 000537

 000221

 000006

7046F3

7046F3

5E2EF3

825EF3

4B15F3

9577F3

3B00F3

A78FF3

BAA7F3

CCBFF3

DED8F3

F1F0F3

FFFFFF3

# Harmonies

## Analogous

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



0072FF



7046F3



D400AE

# Triad

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



7046F3



B44900



00887A

# Complementary

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



7046F3



C9F346

# 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.



00851C



7046F3



726D00

# Square

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



7046F3



E20004



007E00



0089CC

# Rectangle

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



7046F3



ED0078



007E00



00875D



# Sweetspot

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



7046F3



D6C9FF



46CBF3



676080



000000



808080



# Same Dimension

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



7046F3



5B26FF



C546F3



716E7A



2D00BA



0E003B



# Inverse Universe

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



F346C9



FF26CA



74F346



7A6E77



BA008D

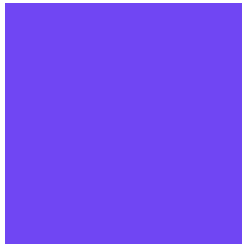


3B002C



# Previews

## White Background



This preview shows how the Hex color 7046F3 looks on a white background.

## Color Contrast Check

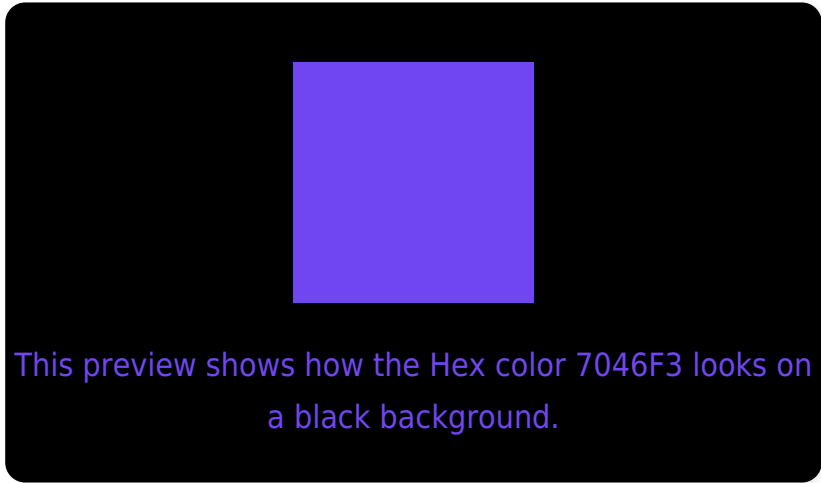
Large Text (above 18pt) WCAG AA ✓ Pass

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

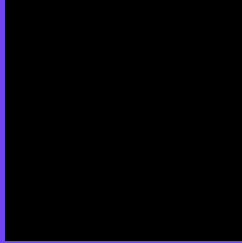
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7046F3 Background



This preview shows how black text looks on a background with the Hex color 7046F3.



This preview shows how white text looks on a background with the Hex color 7046F3.

# 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**  
477079

# Trichromacy



**Original Color**  
7046F3



**Protanomaly**  
295AE1



**Deuteranomaly**  
295ECD



**Tritanomaly**  
5661A5

# Monochromacy



**Original Color**  
7046F3



**Achromatopsia**  
666666



**Achromatomaly**  
6A5A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7046F3 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 #7046F3 looks like.

```
.text, #text, p{  
    color:#7046F3  
}
```

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 #7046F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7046F3
}
```

## Border

The CSS property to change the border of an element to Hex 7046F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

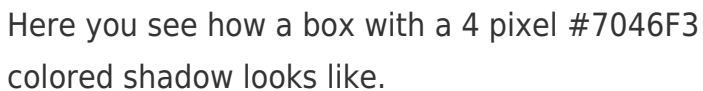
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7046F3 }
```

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

```
.border{ border-color:#7046F3 }
```

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



Here you see how a box with a 4 pixel `#7046F3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7046F3; -webkit-box-shadow:4px 4px  
4px 4px #7046F3; box-shadow:4px 4px 4px  
4px #7046F3 }
```

# Background

The CSS property to change the background color of an element to Hex 7046F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7046F3 }
```

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

```
.background{ background-color:#7046F3 }
```

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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