

# Converting Colors

Hex(7000F3)

Have a look what the booklet for  
Hex(7000F3) contains.

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**Color**

**Hex(7000F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7000F3
RGB	112, 0, 243
RGB Percent	44%, 0%, 95%
CMY	0.5608, 1.0000, 0.0471
CMYK	0.54, 1.00, 0.00, 0.05
HSL	268°, 100%, 48%
HSV	268°, 100%, 95%
XYZ	22.8598, 9.9158, 85.5031
YIQ	61.1900, -11.2510, 99.3170

# Conversions

## Conversions Part 2

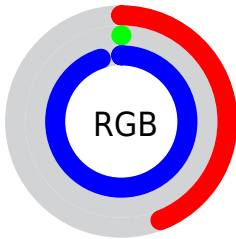
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 0, 243
Decimal	7340275
CIE <sub>Lab</sub>	37.69, 79.52, -91.95
CIE <sub>LCh</sub>	38, 121.561, 310.854
Yxy	9.9158, 0.1933, 0.0838
Android (android.graphics.Color)	4285530355 (0xFF7000F3)
YUV	61.1900, 89.6323, 44.5604
Hunter-Lab	31.4894, 74.4759, -138.9476

# Details

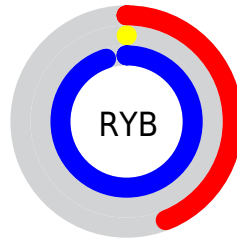
The Hex color **7000F3** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **83F300**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B04FFF**, and **1E00B9** is the 20% darker color. If you saturate the color by 10%, you get **7000F3**, and if you desaturate by 10%, it is **7D18F3**.

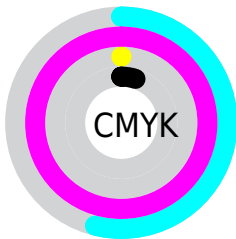
# Distribution



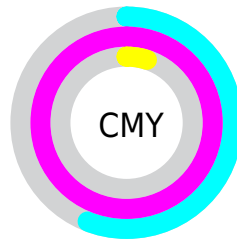
- Red (44%)
- Green (0%)
- Blue (95%)



- Red (44%)
- Yellow (0%)
- Blue (95%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (100%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7000F3 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 7000F3 by changing the saturation by 10% instead.



 7000F3

 7000F3

FFFFFF

 4D00D6

 B04FFF

 1E00B9

 D06CFF

 00009D

 F089FF

 000082

 FFA5FF

 000068

 FFC2FF

 000A4E

 FFDFFF

 000536

 FFFDFF

 000220

 000004

 700F3

 7D18F3

 8A31F3

 9749F3

 A461F3

 B179F3

 BF92F3

 CCAAF3

 D9C2F3

 E6DBF3

# Harmonies

## Analogous

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



0061FF



7000F3



DC009C

# Triad

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



7000F3



9E3800



00777C

# Complementary

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



7000F3



83F300

# 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.



007405



7000F3



4B6100

# Square

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



7000F3



D70000



006F00



007ADC

# Rectangle

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



7000F3



F1005C



006F00



00765A



# Sweetspot

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



7000F3



D6B3FF



0086F3



675280



000000



808080



# Same Dimension

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



7000F3



7600FF



E700F3



746E7A



5600BA



1B003B



# Inverse Universe

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



F30083



FF0089



0CF300



7A6E75



BA0064



3B0020



# Previews

## White Background



This preview shows how the Hex color 7000F3 looks on a white background.

## Color Contrast Check

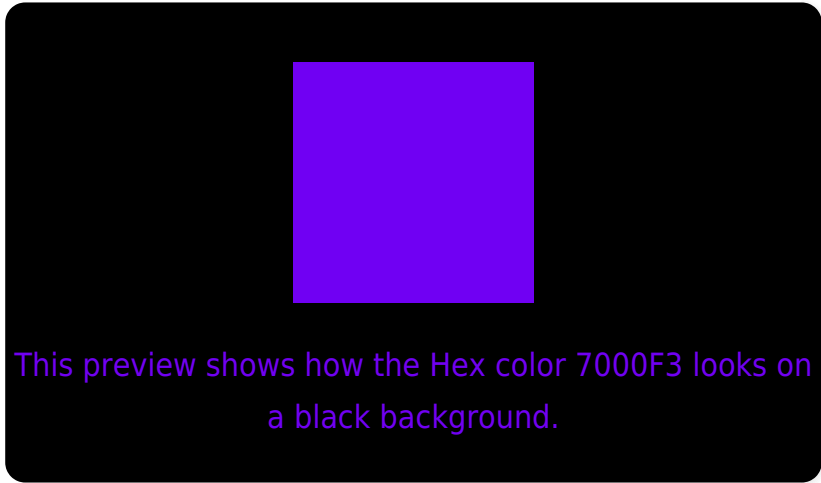
Large Text (above 18pt) WCAG AA ✓ Pass

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

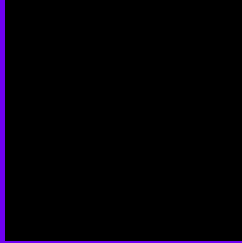
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7000F3 Background



This preview shows how black text looks on a background with the Hex color 7000F3.



This preview shows how white text looks on a background with the Hex color 7000F3.

# 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**  
7000F3

**Protanopia**  
0057B7

**Deuteranopia**  
005D9C



**Tritanopia**  
425F66

# Trichromacy



**Original Color**

7000F3



**Protanomaly**

2937CD



**Deuteranomaly**

293BBC



**Tritanomaly**

533C99

# Monochromacy



**Original Color**

7000F3



**Achromatopsia**

3D3D3D



**Achromatomaly**

50277F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7000F3 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 #7000F3 looks like.

```
.text, #text, p{  
    color:#7000F3  
}
```

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 #7000F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7000F3
}
```

## Border

The CSS property to change the border of an element to Hex 7000F3 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
#7000F3 }
```

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

```
.border{ border-color:#7000F3 }
```

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

Here you see how a box with a 4 pixel #7000F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7000F3; -webkit-box-shadow:4px 4px  
4px 4px #7000F3; box-shadow:4px 4px 4px  
4px #7000F3 }
```

# Background

The CSS property to change the background color of an element to Hex 7000F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7000F3 }
```

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

```
.background{ background-color:#7000F3 }
```

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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