

Converting Colors

Hex(3F00F0)

Have a look what the booklet for
Hex(3F00F0) contains.

Hex(3F00F0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F00F0)

Conversions

Conversions Part 1

Format	Color
Hex	3F00F0
RGB	63, 0, 240
RGB Percent	25%, 0%, 94%
CMY	0.7529, 1.0000, 0.0588
CMYK	0.74, 1.00, 0.00, 0.06
HSL	256°, 100%, 47%
HSV	256°, 100%, 94%
XYZ	17.7781, 7.3480, 82.9194
YIQ	46.1970, -39.4920, 87.9960

Conversions

Conversions Part 2

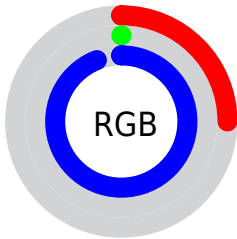
Format	Color
R _{YB}	63, 0, 240
Decimal	4129008
CIE _{Lab}	32.59, 76.52, -98.87
CIE _{LCh}	33, 125.024, 307.739
Yxy	7.3480, 0.1645, 0.0680
Android (android.graphics.Color)	4282319088 (0xFF3F00F0)
YUV	46.1970, 95.5449, 14.7362
Hunter-Lab	27.1073, 69.6301, -162.3893

Details

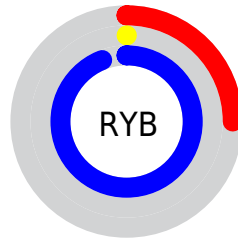
The Hex color **3F00F0** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B1F000**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8B49FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **3F00F0**, and if you desaturate by 10%, it is **5118F0**.

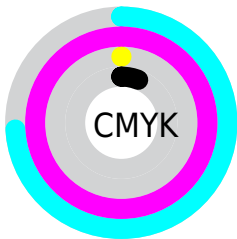
Distribution



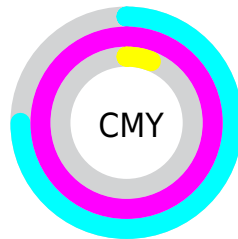
- Red (25%)
- Green (0%)
- Blue (94%)



- Red (25%)
- Yellow (0%)
- Blue (94%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (75%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the Hex color 3F00F0 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 3F00F0 by changing the saturation by 10% instead.

 3F00F0	 3F00F0
 FFFFFFFF	 0000D3
 8B49FF	 0000B6
 AC64FF	 00009A
 CD80FF	 00007F
 ED9CFF	 000F65
 FFB8FF	 00094C
 FFD5FF	 000434
 FFF3FF	 00021E
	 000000

 3F00F0

 5118F0

 6230F0

 7448F0

 8660F0

 9878F0

 A990F0

 BBA8F0

 CDC0F0

 DED8F0

Harmonies

Analogous

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



005AFF



3F00F0



C9009A

Triad

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



3F00F0



961E00



006866

Complementary

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



3F00F0



B1F000

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.



006600



3F00F0



475200

Square

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



3F00F0



CD0000



006100



006CC8

Rectangle

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



3F00F0



E2005A



006100



006743

Sweetspot

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



3F00F0



C7B3FF



00B4F0



5E5280



000000



808080

Same Dimension

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



3F00F0



4300FF



B400F0



6F6C78



3000B8



0F0038

Inverse Universe

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



F000B1



FF00BC



3CF000



786C75



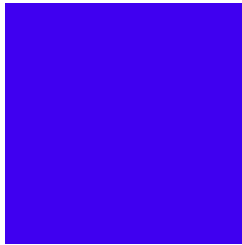
B80087



380029

Previews

White Background



This preview shows how the Hex color 3F00F0 looks on a white background.

Color Contrast Check

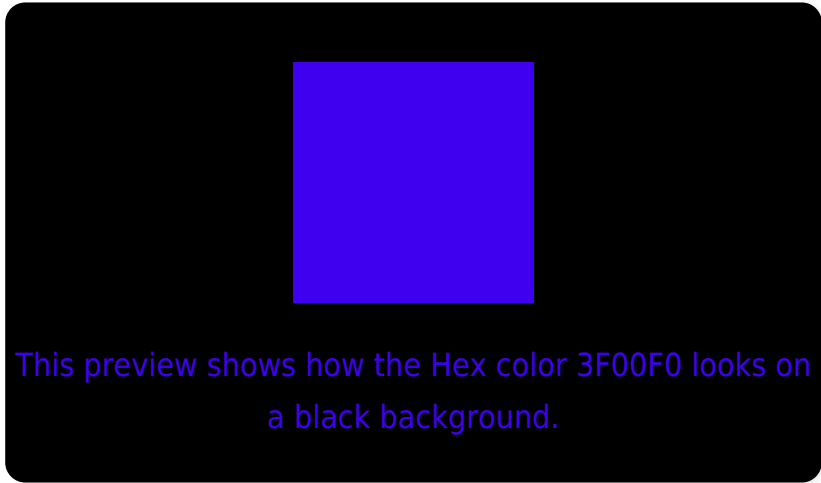
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F00F0 Background



This preview shows how black text looks on a background with the Hex color 3F00F0.



This preview shows how white text looks on a background with the Hex color 3F00F0.

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
3F00F0

Protanopia
004B9D

Deuteranopia
005086



Tritanopia
00565B

Trichromacy



Original Color
3F00F0

Protanomaly
1730BB

Deuteranomaly
1733AD

Tritanomaly
173791

Monochromacy



Original Color
3F00F0

Achromatopsia
2E2E2E

Achromatomaly
341D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F00F0 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 #3F00F0 looks like.

```
.text, #text, p{  
    color:#3F00F0  
}
```

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 #3F00F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F00F0
}
```

Border

The CSS property to change the border of an element to Hex 3F00F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

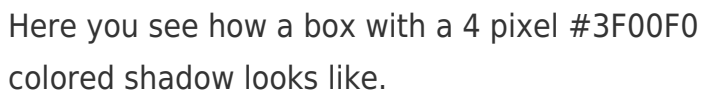
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F00F0 }
```

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

```
.border{ border-color:#3F00F0 }
```

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



Here you see how a box with a 4 pixel #3F00F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F00F0; -webkit-box-shadow:4px 4px  
4px 4px #3F00F0; box-shadow:4px 4px 4px  
4px #3F00F0 }
```

Background

The CSS property to change the background color of an element to Hex 3F00F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F00F0 }
```

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

```
.background{ background-color:#3F00F0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor