

Converting Colors

Hex(3F07F8)

Have a look what the booklet for
Hex(3F07F8) contains.

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Color

Hex(3F07F8)

Conversions

Conversions Part 1

Format	Color
Hex	3F07F8
RGB	63, 7, 248
RGB Percent	25%, 3%, 97%
CMY	0.7529, 0.9725, 0.0275
CMYK	0.75, 0.97, 0.00, 0.03
HSL	254°, 95%, 50%
HSV	254°, 97%, 97%
XYZ	19.0692, 7.9860, 89.3433
YIQ	51.2180, -43.9850, 86.8230

Conversions

Conversions Part 2

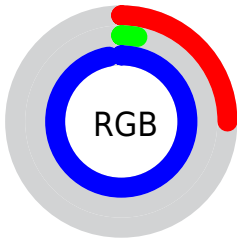
Format	Color
RYB	63, 7, 248
Decimal	4130808
CIELab	33.95, 77.39, -101.11
CIElCh	34, 127.330, 307.430
Yxy	7.9860, 0.1638, 0.0686
Android (android.graphics.Color)	4282320888 (0xFF3F07F8)
YUV	51.2180, 97.0135, 10.3328
Hunter-Lab	28.2596, 70.9950, -167.6652

Details

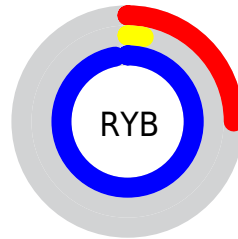
The Hex color **3F07F8** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **C0F807**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8C4CFF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **3A00F8**, and if you desaturate by 10%, it is **5220F8**.

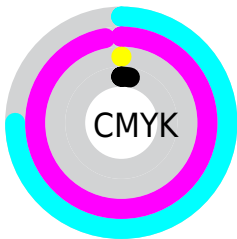
Distribution



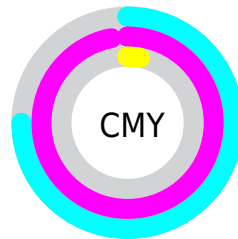
- Red (25%)
- Green (3%)
- Blue (97%)



- Red (25%)
- Yellow (3%)
- Blue (97%)



- Cyan (75%)
- Magenta (97%)
- Yellow (0%)
- Black (3%)



- Cyan (75%)
- Magenta (97%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F07F8 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 3F07F8 by changing the saturation by 10% instead.

 3F07F8

 3F07F8

FFFFFF

 0000DB

 8C4CFF

 0000BE

 AE68FF

 0000A2

 CF83FF

 000086

 EF9FFF

 000D6B

 FFBCFF

 000B52

 FFD9FF

 00053A

 FFF6FF

 000224

 00000B

■ 3F07F8

■ 3F07F8

■ 3A00F8

■ 5220F8

■ 6539F8

■ 7851F8

■ 8B6AF8

■ 9E83F8

■ B19CF8

■ C4B5F8

■ D7CDF8

■ EAE6F8

Harmonies

Analogous

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



005EFF



3F07F8



CE00A0

Triad

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



3F07F8



9C1F00



006C68

Complementary

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



3F07F8



C0F807

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.



006A00



3F07F8



4B5500

Square

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



3F07F8



D40000



006500



0070CD

Rectangle

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



3F07F8



E9005E



006500



006B45

Sweetspot

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



3F07F8



C6B5FF



07C4F8



5D5380



000000



808080

Same Dimension

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



3F07F8



3B00FF



B407F8



73707D



2C00BD



0E003D

Inverse Universe

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



F807C0



FF00C4



4BF807



7D707A



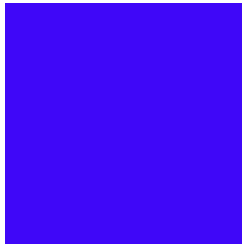
BD0091



3D002F

Previews

White Background



This preview shows how the Hex color 3F07F8 looks on a white background.

Color Contrast Check

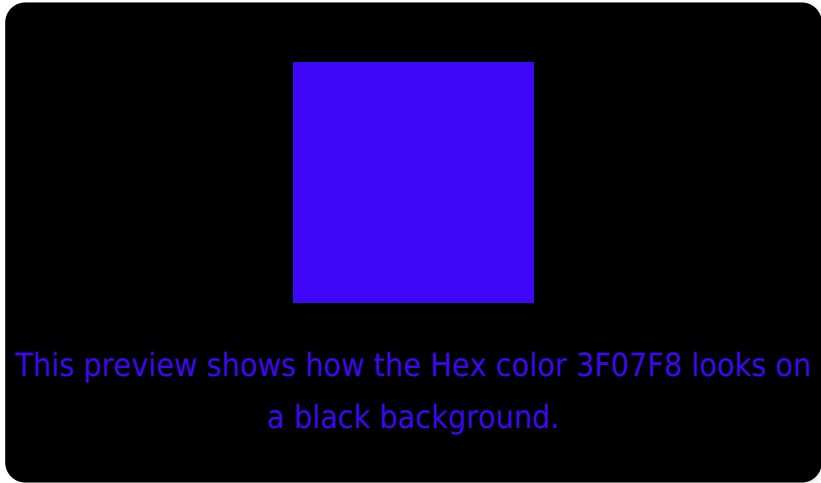
Large Text (above 18pt) WCAG AA ✓ Pass

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

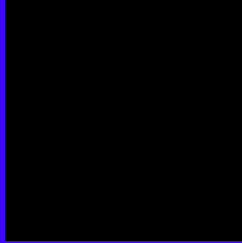
Any Text WCAG AA × Fail

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 3F07F8 Background



This preview shows how black text looks on a background with the Hex color 3F07F8.



This preview shows how white text looks on a background with the Hex color 3F07F8.

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
3F07F8

Protanopia
004DA2

Deuteranopia
00538A

Trichromacy



Original Color
3F07F8

Protanomaly
1734C1

Deuteranomaly
1737B2

Tritanomaly
173B96

Monochromacy



Original Color
3F07F8

Achromatopsia
333333

Achromatomaly
37237B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F07F8 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 #3F07F8 looks like.

```
.text, #text, p{  
    color:#3F07F8  
}
```

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 #3F07F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F07F8
}
```

Border

The CSS property to change the border of an element to Hex 3F07F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

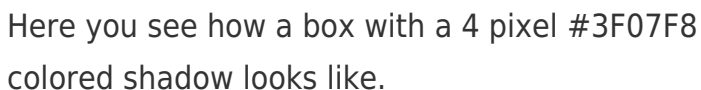
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F07F8 }
```

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

```
.border{ border-color:#3F07F8 }
```

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



Here you see how a box with a 4 pixel #3F07F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F07F8; -webkit-box-shadow:4px 4px  
4px 4px #3F07F8; box-shadow:4px 4px 4px  
4px #3F07F8 }
```

Background

The CSS property to change the background color of an element to Hex 3F07F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F07F8 }
```

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

```
.background{ background-color:#3F07F8 }
```

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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