

# Converting Colors

Hex(3F00C5)

Have a look what the booklet for  
Hex(3F00C5) contains.

<b>Hex(3F00C5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3F00C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F00C5
RGB	63, 0, 197
RGB Percent	25%, 0%, 77%
CMY	0.7529, 1.0000, 0.2275
CMYK	0.68, 1.00, 0.00, 0.23
HSL	259°, 100%, 39%
HSV	259°, 100%, 77%
XYZ	12.1279, 5.0880, 53.1662
YIQ	41.2950, -25.6890, 74.6230

# Conversions

## Conversions Part 2

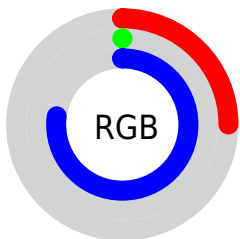
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 0, 197
Decimal	4128965
CIELab	26.98, 66.45, -83.38
CIELCh	27, 106.618, 308.551
Yxy	5.0880, 0.1723, 0.0723
Android (android.graphics.Color)	4282319045 (0xFF3F00C5)
YUV	41.2950, 76.7626, 19.0353
Hunter-Lab	22.5565, 56.4998, -123.9580

# Details

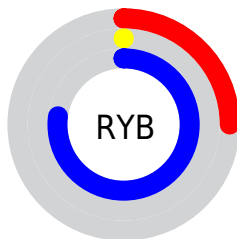
The Hex color **3F00C5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **86C500**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8243FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **3F00C5**, and if you desaturate by 10%, it is **4C14C5**.

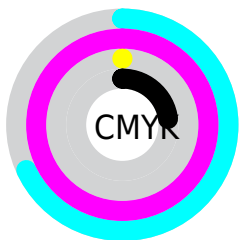
# Distribution



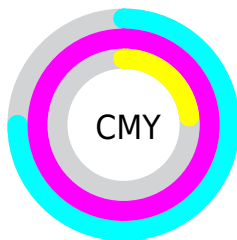
- Red (25%)
- Green (0%)
- Blue (77%)



- Red (25%)
- Yellow (0%)
- Blue (77%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (75%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F00C5 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 3F00C5 by changing the saturation by 10% instead.



 3F00C5

 3F00C5

FFFFFF

 0400A9

 8243FF

 00008D

 A15EFF

 000073

 C079FF

 000559

 DF94FF

 000741

 FEB0FF

 00032A

 FFCCFF

 000114

 FFE9FF

 000000

 3F00C5

 4C14C5

 5A27C5

 673BC5

 754FC5

 8263C5

 8F76C5

 9D8AC5

 AA9EC5

 B8B1C5

# Harmonies

## Analogous

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



004AEA



3F00C5



A8007E

# Triad

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



3F00C5



7B1D00



005857

# Complementary

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



3F00C5



86C500

# 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.



005500



3F00C5



3A4500

# Square

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



3F00C5



AA0000



005100



005AA8

# Rectangle

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



3F00C5



BC0048



005100



00573A



# Sweetspot

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



3F00C5



CBB3FF



0087C5



605280



000000



808080



# Same Dimension

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



3F00C5



5200FF



A100C5



5D5A63



3400A3



0B0024



# Inverse Universe

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



C50086



FF00AD



24C500



635A60



A3006F

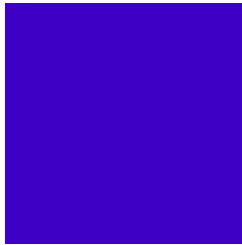


240018



# Previews

## White Background



This preview shows how the Hex color 3F00C5 looks on a white background.

## Color Contrast Check

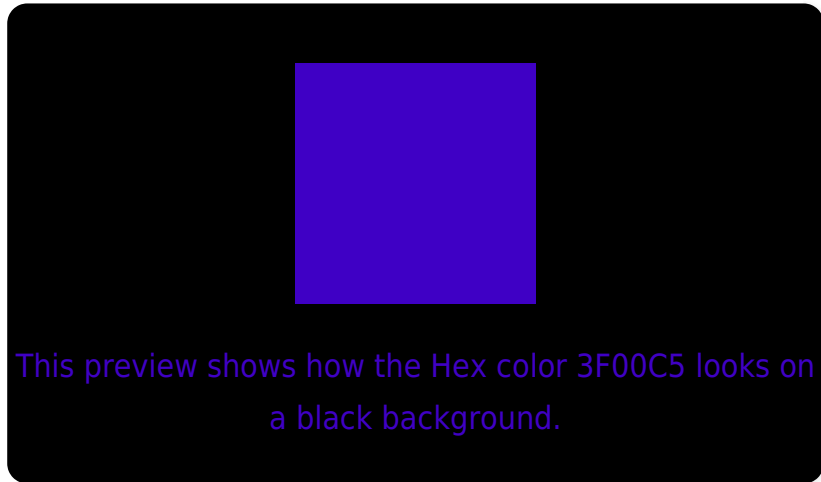
Large Text (above 18pt) WCAG AA ✓ Pass

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

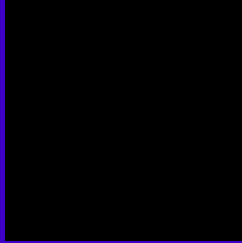
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F00C5 Background



This preview shows how black text looks on a background with the Hex color 3F00C5.



This preview shows how white text looks on a background with the Hex color 3F00C5.

# 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**  
3F00C5

**Protanopia**  
004086

**Deuteranopia**  
004472



# Trichromacy



**Original Color**  
3F00C5

**Protanomaly**  
17299D

**Deuteranomaly**  
172B90

**Tritanomaly**  
172E79

# Monochromacy



**Original Color**  
3F00C5

**Achromatopsia**  
292929

**Achromatomaly**  
311A62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F00C5 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 #3F00C5 looks like.

```
.text, #text, p{  
    color:#3F00C5  
}
```

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 #3F00C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F00C5
}
```

## Border

The CSS property to change the border of an element to Hex 3F00C5 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".

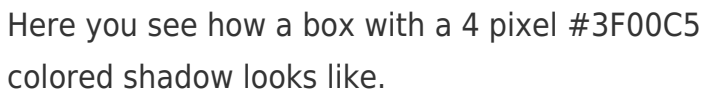
```
.border, #border, table{ border:4px solid
#3F00C5 }
```

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

```
.border{ border-color:#3F00C5 }
```

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

Here you see how a box with a 4 pixel #3F00C5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F00C5; -webkit-box-shadow:4px 4px  
4px 4px #3F00C5; box-shadow:4px 4px 4px  
4px #3F00C5 }
```

# Background

The CSS property to change the background color of an element to Hex 3F00C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F00C5 }
```

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

```
.background{ background-color:#3F00C5 }
```

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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