

# Converting Colors

Hex(3F02BA)

Have a look what the booklet for  
Hex(3F02BA) contains.

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# Color

**Hex(3F02BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F02BA
RGB	63, 2, 186
RGB Percent	25%, 1%, 73%
CMY	0.7529, 0.9922, 0.2706
CMYK	0.66, 0.99, 0.00, 0.27
HSL	260°, 98%, 37%
HSV	260°, 99%, 73%
XYZ	10.9345, 4.6453, 46.7747
YIQ	41.2150, -22.7080, 70.1560

# Conversions

## Conversions Part 2

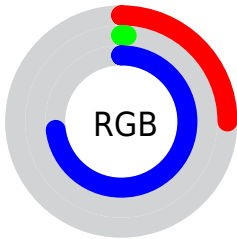
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 2, 186
Decimal	4129466
CIELab	25.70, 63.44, -79.01
CIELCh	26, 101.329, 308.761
Yxy	4.6453, 0.1754, 0.0745
Android (android.graphics.Color)	4282319546 (0xFF3F02BA)
YUV	41.2150, 71.3790, 19.1054
Hunter-Lab	21.5531, 52.8406, -113.5846

# Details

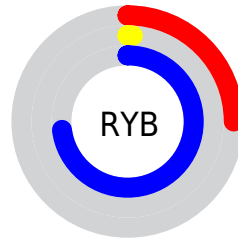
The Hex color **3F02BA** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **7DBA02**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8042F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **3E00BA**, and if you desaturate by 10%, it is **4B15BA**.

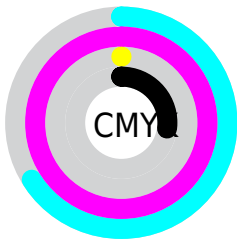
# Distribution



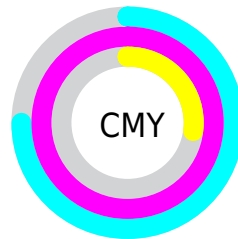
- Red (25%)
- Green (1%)
- Blue (73%)



- Red (25%)
- Yellow (1%)
- Blue (73%)



- Cyan (66%)
- Magenta (99%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (99%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F02BA 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 3F02BA by changing the saturation by 10% instead.



 3F02BA

 3F02BA

FFFFFF

 0D009E

 8042F4

 000083

 9F5DFF

 000069

 BD78FF

 00094F

 DC93FF

 000538

 FBAFFF

 000221

 FFCBFF

 000006

 FFE8FF

 000000

 3F02BA

 3F02BA

■ 3E00BA

■ 4B15BA

■ 5827BA

■ 643ABA

■ 714CBA

■ 7D5FBA

■ 8A72BA

■ 9684BA

■ A297BA

■ AFA9BA

# Harmonies

## Analogous

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



0046DD



3F02BA



A00077

# Triad

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



3F02BA



751D00



005453

# Complementary

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



3F02BA



7DBA02

# 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.



005200



3F02BA



374200

# Square

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



3F02BA



A10000



004E00



00569F

# Rectangle

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



3F02BA



B20044



004E00



005338



# Sweetspot

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



3F02BA



C2AAF2



0280BA



5D4E7A



FAFAFA



7A7A7A



# Same Dimension

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



3F02BA



5000F2



9802BA



56535C



34009C



09001C



# Inverse Universe

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



BA027D



F200A2



24BA02



5C5359



9C0068

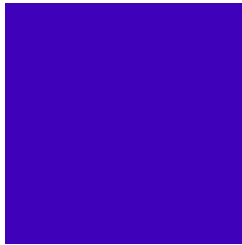


1C0013



# Previews

## White Background



This preview shows how the Hex color 3F02BA looks on a white background.

## Color Contrast Check

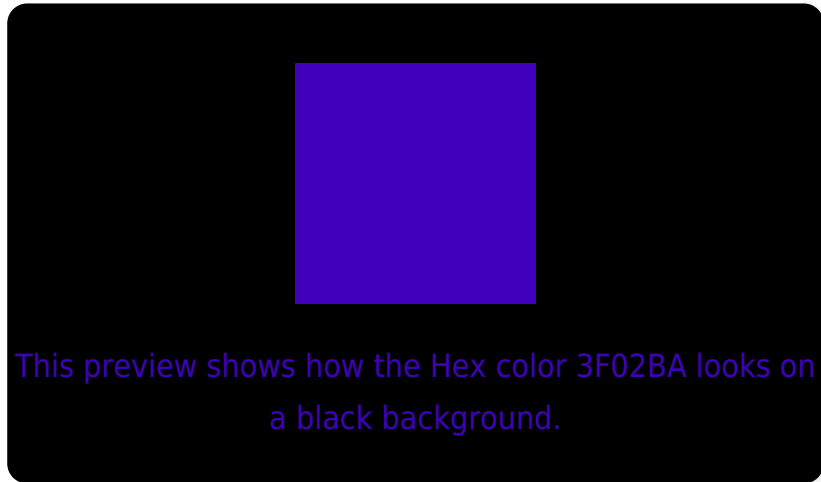
Large Text (above 18pt) WCAG AA ✓ Pass

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

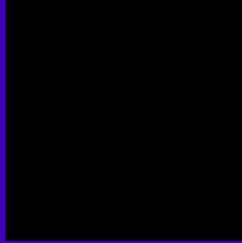
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F02BA Background



This preview shows how black text looks on a background with the Hex color 3F02BA.



This preview shows how white text looks on a background with the Hex color 3F02BA.

# 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**  
3F02BA

**Protanopia**  
003D80

**Deuteranopia**  
00416D



**Tritanopia**  
00464B

# Trichromacy



**Original Color**  
3F02BA

**Protanomaly**  
172895

**Deuteranomaly**  
172A89

**Tritanomaly**  
172D73

# Monochromacy



**Original Color**  
3F02BA

**Achromatopsia**  
292929

**Achromatomaly**  
311B5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F02BA 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 #3F02BA looks like.

```
.text, #text, p{  
    color:#3F02BA  
}
```

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 #3F02BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F02BA
}
```

## Border

The CSS property to change the border of an element to Hex 3F02BA 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".

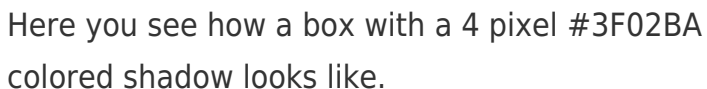
```
.border, #border, table{ border:4px solid
#3F02BA }
```

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

```
.border{ border-color:#3F02BA }
```

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

Here you see how a box with a 4 pixel #3F02BA 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 #3F02BA; -webkit-box-shadow:4px 4px  
4px 4px #3F02BA; box-shadow:4px 4px 4px  
4px #3F02BA }
```

# Background

The CSS property to change the background color of an element to Hex 3F02BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F02BA }
```

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

```
.background{ background-color:#3F02BA }
```

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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