

Converting Colors

Hex(3F00BD)

Have a look what the booklet for
Hex(3F00BD) contains.

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Color

Hex(3F00BD)

Conversions

Conversions Part 1

Format	Color
Hex	3F00BD
RGB	63, 0, 189
RGB Percent	25%, 0%, 74%
CMY	0.7529, 1.0000, 0.2588
CMYK	0.67, 1.00, 0.00, 0.26
HSL	260°, 100%, 37%
HSV	260°, 100%, 74%
XYZ	11.2352, 4.7309, 48.4651
YIQ	40.3830, -23.1210, 72.1350

Conversions

Conversions Part 2

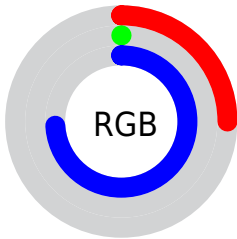
Format	Color
RYB	63, 0, 189
Decimal	4128957
CIELab	25.95, 64.55, -80.37
CIELCh	26, 103.084, 308.770
Yxy	4.7309, 0.1744, 0.0734
Android (android.graphics.Color)	4282319037 (0xFF3F00BD)
YUV	40.3830, 73.2682, 19.8351
Hunter-Lab	21.7506, 54.1401, -116.8857

Details

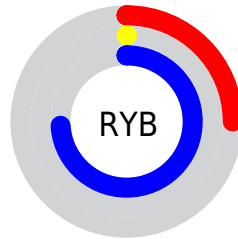
The Hex color **3F00BD** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **7EBD00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8142F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **3F00BD**, and if you desaturate by 10%, it is **4C13BD**.

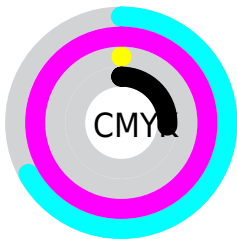
Distribution



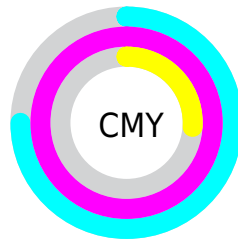
- Red (25%)
- Green (0%)
- Blue (74%)



- Red (25%)
- Yellow (0%)
- Blue (74%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (75%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F00BD 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 3F00BD by changing the saturation by 10% instead.

 3F00BD

 3F00BD

FFFFFF

 0A00A1

 8142F7

 000086

 A05DFF

 00006C

 BE77FF

 000852

 DD93FF

 00053A

 FCAEFF

 000223

 FFCBFF

 00000B

 FFE8FF

 000000

 3F00BD

 4C13BD

 5826BD

 6539BD

 714CBD

 7E5FBD

 8B71BD

 9784BD

 A497BD

 B0AABD

Harmonies

Analogous

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



0047E1



3F00BD



A20078

Triad

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



3F00BD



771D00



005554

Complementary

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



3F00BD



7EBD00

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



3F00BD



374300

Square

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



3F00BD



A30000



004E00



0057A2

Rectangle

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



3F00BD



B50045



004E00



005438

Sweetspot

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



3F00BD



C4ABF5



007EBD



5D4E7A



FAFAFA



7A7A7A

Same Dimension

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



3F00BD



5200F5



9E00BD



58555E



35009E



0A001F

Inverse Universe

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



BD007E



F500A3



1FBD00



5E555B



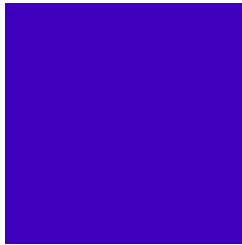
9E0069



1F0014

Previews

White Background



This preview shows how the Hex color 3F00BD looks on a white background.

Color Contrast Check

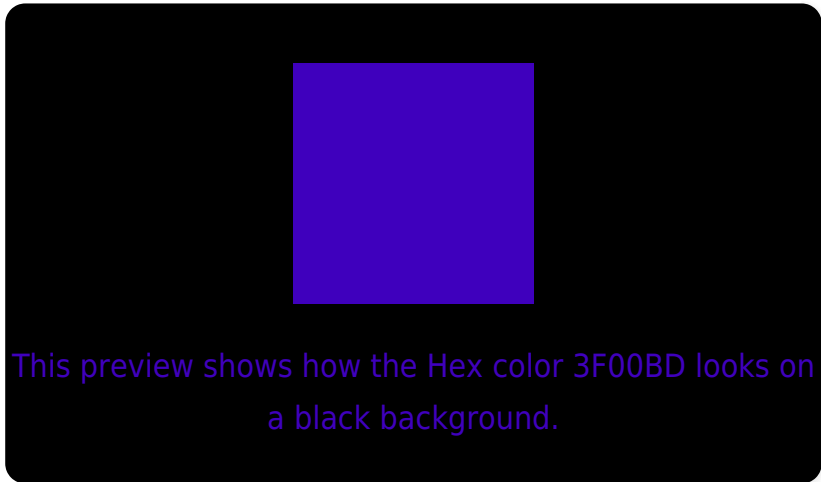
Large Text (above 18pt) WCAG AA ✓ Pass

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

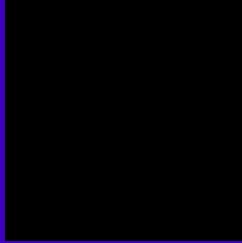
Any Text WCAG AA × Fail

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 3F00BD Background



This preview shows how black text looks on a background with the Hex color 3F00BD.



This preview shows how white text looks on a background with the Hex color 3F00BD.

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
3F00BD

Protanopia
003E81

Deuteranopia
00426E



Tritanopia
00474B

Trichromacy



Original Color
3F00BD

Protanomaly
172797

Deuteranomaly
172A8B

Tritanomaly
172D74

Monochromacy



Original Color
3F00BD

Achromatopsia
282828

Achromatomaly
30195E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F00BD 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 #3F00BD looks like.

```
.text, #text, p{  
    color:#3F00BD  
}
```

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 #3F00BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F00BD
}
```

Border

The CSS property to change the border of an element to Hex 3F00BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

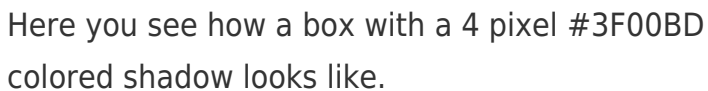
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F00BD }
```

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

```
.border{ border-color:#3F00BD }
```

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



Here you see how a box with a 4 pixel #3F00BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F00BD; -webkit-box-shadow:4px 4px  
4px 4px #3F00BD; box-shadow:4px 4px 4px  
4px #3F00BD }
```

Background

The CSS property to change the background color of an element to Hex 3F00BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F00BD }
```

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

```
.background{ background-color:#3F00BD }
```

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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