

# Converting Colors

Hex(3F27AB)

Have a look what the booklet for  
Hex(3F27AB) contains.

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# Color

**Hex(3F27AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F27AB
RGB	63, 39, 171
RGB Percent	25%, 15%, 67%
CMY	0.7529, 0.8471, 0.3294
CMYK	0.63, 0.77, 0.00, 0.33
HSL	251°, 63%, 41%
HSV	251°, 77%, 67%
XYZ	10.1261, 5.4481, 39.0460
YIQ	61.2240, -28.0680, 46.1400

# Conversions

## Conversions Part 2

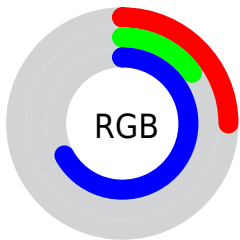
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 39, 171
Decimal	4138923
CIE Lab	27.97, 47.48, -66.27
CIE LCh	28, 81.528, 305.621
Yxy	5.4481, 0.1854, 0.0997
Android (android.graphics.Color)	4282329003 (0xFF3F27AB)
YUV	61.2240, 54.1196, 1.5576
Hunter-Lab	23.3411, 36.5919, -82.8439

# Details

The Hex color **3F27AB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **93AB27**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7C58E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **3116AB**, and if you desaturate by 10%, it is **4D38AB**.

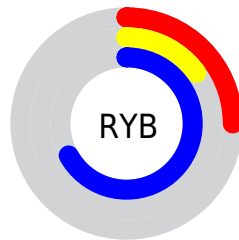
# Distribution



Red (25%)

Green (15%)

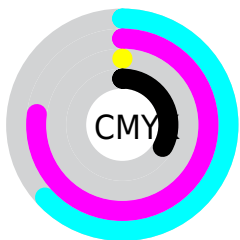
Blue (67%)



Red (25%)

Yellow (15%)

Blue (67%)

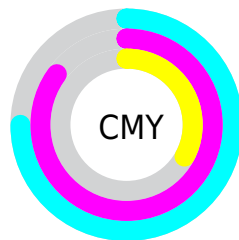


Cyan (63%)

Magenta (77%)

Yellow (0%)

Black (33%)



Cyan (75%)

Magenta (85%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F27AB 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 3F27AB by changing the saturation by 10% instead.



■ 3F27AB

■ 3F27AB

FFFFFF

■ 180E90

■ 7C58E4

■ 000075

■ 9971FF

■ 00005C

■ B68BFF

■ 000743

■ D4A6FF

■ 00032C

■ F2C2FF

■ 000116

■ FFDEFF

■ 000000

■ FFFBFF

■ 3F27AB

■ 3F27AB

■ 3116AB

■ 4D38AB

■ 2305AB

■ 5B49AB

■ 1F00AB

■ 695AAB

■ 776BAB

■ 857CAB

■ 938EAB

■ A19FAB

■ AFB0AB

■ BDC1AB

# Harmonies

## Analogous

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



0049C3



3F27AB



900077

# Triad

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



3F27AB



792700



00574D

# Complementary

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



3F27AB



93AB27

# 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.



005501



3F27AB



474400

# Square

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



3F27AB



9B0000



005000



00598B

# Rectangle

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



3F27AB



A3004E



005000



005737



# Sweetspot

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



3F27AB



B4ABDE



2795AB



565170



F0F0F0



707070



# Same Dimension

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



3F27AB



3510DE



7F27AB



504E57



1B0096



040017



# Inverse Universe

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



AB2793



DE10B8



53AB27



574E55



96007B

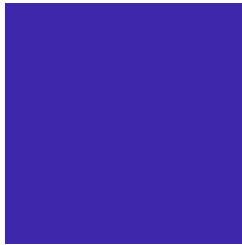


170013



# Previews

## White Background



This preview shows how the Hex color 3F27AB 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

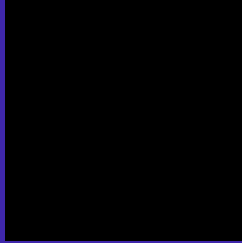
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F27AB Background



This preview shows how black text looks on a background with the Hex color 3F27AB.



This preview shows how white text looks on a background with the Hex color 3F27AB.

# 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**  
3F27AB

**Protanopia**  
004087

**Deuteranopia**  
004473



**Tritanopia**  
00494F

# Trichromacy



**Original Color**  
3F27AB

**Protanomaly**  
173794

**Deuteranomaly**  
173987

**Tritanomaly**  
173D70

# Monochromacy



**Original Color**  
3F27AB

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3E3565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F27AB 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 #3F27AB looks like.

```
.text, #text, p{  
    color:#3F27AB  
}
```

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 #3F27AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F27AB
}
```

## Border

The CSS property to change the border of an element to Hex 3F27AB 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".

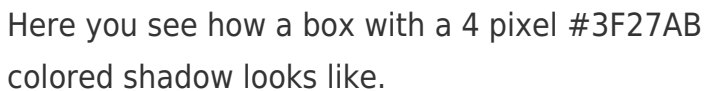
```
.border, #border, table{ border:4px solid
#3F27AB }
```

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

```
.border{ border-color:#3F27AB }
```

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

Here you see how a box with a 4 pixel #3F27AB colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #3F27AB.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F27AB; -webkit-box-shadow:4px 4px  
4px 4px #3F27AB; box-shadow:4px 4px 4px  
4px #3F27AB }
```

# Background

The CSS property to change the background color of an element to Hex 3F27AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F27AB }
```

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

```
.background{ background-color:#3F27AB }
```

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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