

# Converting Colors

Hex(3F00A1)

Have a look what the booklet for  
Hex(3F00A1) contains.

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# Color

**Hex(3F00A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F00A1
RGB	63, 0, 161
RGB Percent	25%, 0%, 63%
CMY	0.7529, 1.0000, 0.3686
CMYK	0.61, 1.00, 0.00, 0.37
HSL	263°, 100%, 32%
HSV	263°, 100%, 63%
XYZ	8.4829, 3.6300, 33.9718
YIQ	37.1910, -14.1330, 63.4270

# Conversions

## Conversions Part 2

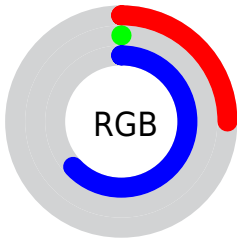
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 0, 161
Decimal	4128929
CIELab	22.41, 57.89, -69.43
CIELCh	22, 90.398, 309.823
Yxy	3.6300, 0.1841, 0.0788
Android (android.graphics.Color)	4282319009 (0xFF3F00A1)
YUV	37.1910, 61.0378, 22.6345
Hunter-Lab	19.0525, 46.1334, -92.3810

# Details

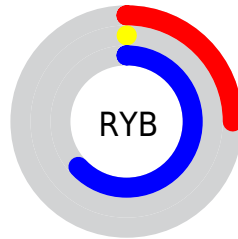
The Hex color **3F00A1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **62A100**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7C3ED9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **3F00A1**, and if you desaturate by 10%, it is **4910A1**.

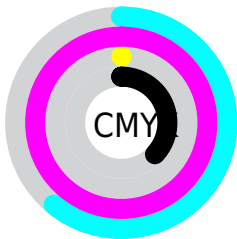
# Distribution



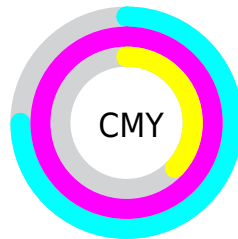
- Red (25%)
- Green (0%)
- Blue (63%)



- Red (25%)
- Yellow (0%)
- Blue (63%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F00A1 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 3F00A1 by changing the saturation by 10% instead.



 3F00A1

 3F00A1

FFFFFF

 180086

 7C3ED9

 00006C

 9958F6

 000052

 B773FF

 00063A

 D58EFF

 000224

 F3A9FF

 00000B

 FFC5FF

 000000

 FFE2FF

 3F00A1

 4910A1

 5320A1

 5C30A1

 6640A1

 7051A1

 7A61A1

 8471A1

 8D81A1

 9791A1

# Harmonies

## Analogous

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



003CC1



3F00A1



8D0066

# Triad

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



3F00A1



661D00



004A4B

# Complementary

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



3F00A1



62A100

# 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.



004800



3F00A1



2E3B00

# Square

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



3F00A1



8C0000



004500



004C8D

# Rectangle

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



3F00A1



9D003A



004500



004A34



# Sweetspot

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



3F00A1



AB92D1



0063A1



524369



E8E8E8



696969



# Same Dimension

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



3F00A1



5200D1



8E00A1



4D4952



390091



070012



# Inverse Universe

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



A10062



D1007F



13A100



52494E



910058

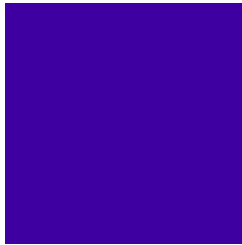


12000B



# Previews

## White Background



This preview shows how the Hex color 3F00A1 looks on a white background.

## Color Contrast Check

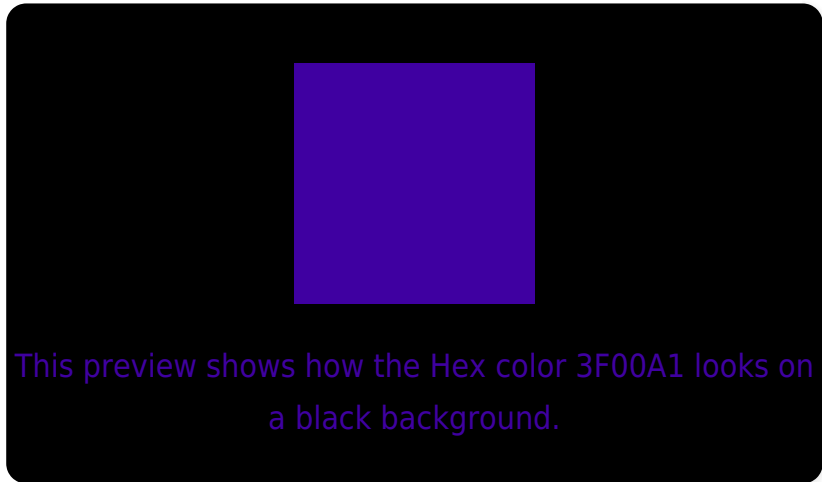
Large Text (above 18pt) WCAG AA ✓ Pass

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

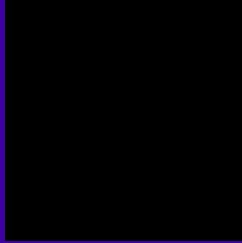
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F00A1 Background



This preview shows how black text looks on a background with the Hex color 3F00A1.



This preview shows how white text looks on a background with the Hex color 3F00A1.

# 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**  
3F00A1

**Protanopia**  
003773

**Deuteranopia**  
003A62



**Tritanopia**  
0B3F44

# Trichromacy



**Original Color**  
3F00A1

**Protanomaly**  
172384

**Deuteranomaly**  
172579

**Tritanomaly**  
1E2866

# Monochromacy



**Original Color**  
3F00A1

**Achromatopsia**  
252525

**Achromatomaly**  
2E1852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F00A1 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 #3F00A1 looks like.

```
.text, #text, p{  
    color:#3F00A1  
}
```

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 #3F00A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F00A1
}
```

## Border

The CSS property to change the border of an element to Hex 3F00A1 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
#3F00A1 }
```

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

```
.border{ border-color:#3F00A1 }
```

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

Here you see how a box with a 4 pixel #3F00A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F00A1; -webkit-box-shadow:4px 4px  
4px 4px #3F00A1; box-shadow:4px 4px 4px  
4px #3F00A1 }
```

# Background

The CSS property to change the background color of an element to Hex 3F00A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F00A1 }
```

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

```
.background{ background-color:#3F00A1 }
```

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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