

# Converting Colors

Hex(3B01DE)

Have a look what the booklet for  
Hex(3B01DE) contains.

<b>Hex(3B01DE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3B01DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B01DE
RGB	59, 1, 222
RGB Percent	23%, 0%, 87%
CMY	0.7686, 0.9961, 0.1294
CMYK	0.73, 1.00, 0.00, 0.13
HSL	256°, 99%, 44%
HSV	256°, 100%, 87%
XYZ	14.9993, 6.2254, 69.5183
YIQ	43.5360, -36.3730, 81.0270

# Conversions

## Conversions Part 2

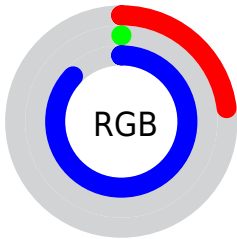
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 1, 222
Decimal	3867102
CIELab	29.97, 72.03, -92.95
CIELCh	30, 117.595, 307.774
Yxy	6.2254, 0.1653, 0.0686
Android (android.graphics.Color)	4282057182 (0xFF3B01DE)
YUV	43.5360, 87.9828, 13.5619
Hunter-Lab	24.9508, 63.6421, -147.7289

# Details

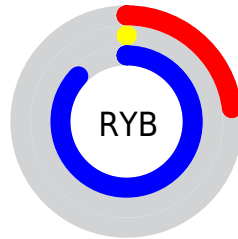
The Hex color **3B01DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **A4DE01**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8546FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **3A00DE**, and if you desaturate by 10%, it is **4B17DE**.

# Distribution



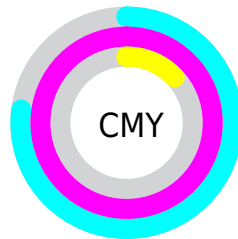
- Red (23%)
- Green (0%)
- Blue (87%)



- Red (23%)
- Yellow (0%)
- Blue (87%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (77%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B01DE 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 3B01DE by changing the saturation by 10% instead.



 3B01DE

 3B01DE

FFFFFF

 0000C1

 8546FF

 0000A5

 A561FF

 00008A

 C57DFF

 00006F

 E598FF

 000C55

 FFB4FF

 00063D

 FFD1FF

 000326

 FFEEFF

 00010F

 000000

■ 3B01DE

■ 3B01DE

■ 3A00DE

■ 4B17DE

■ 5C2DDE

■ 6C44DE

■ 7C5ADE

■ 8D70DE

■ 9D86DE

■ AE9CDE

■ BEB3DE

■ CEC9DE

# Harmonies

## Analogous

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



0053FF



3B01DE



BA008E

# Triad

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



3B01DE



8B1C00



00615E

# Complementary

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



3B01DE



A4DE01

# 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.



005E00



3B01DE



414C00

# Square

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



3B01DE



BE0000



005A00



0064B9

# Rectangle

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



3B01DE



D10052



005A00



00603E



# Sweetspot

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



3B01DE



C7B3FF



01A7DE



5E5280



000000



808080



# Same Dimension

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



3B01DE



4300FF



A701DE



686570



2E00B0



0D0030



# Inverse Universe

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



DE01A4



FF00BC



38DE01



70656D



B00082

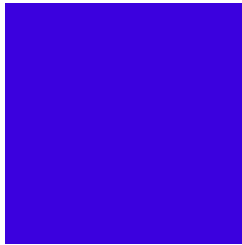


300024



# Previews

## White Background



This preview shows how the Hex color 3B01DE looks on a white background.

## Color Contrast Check

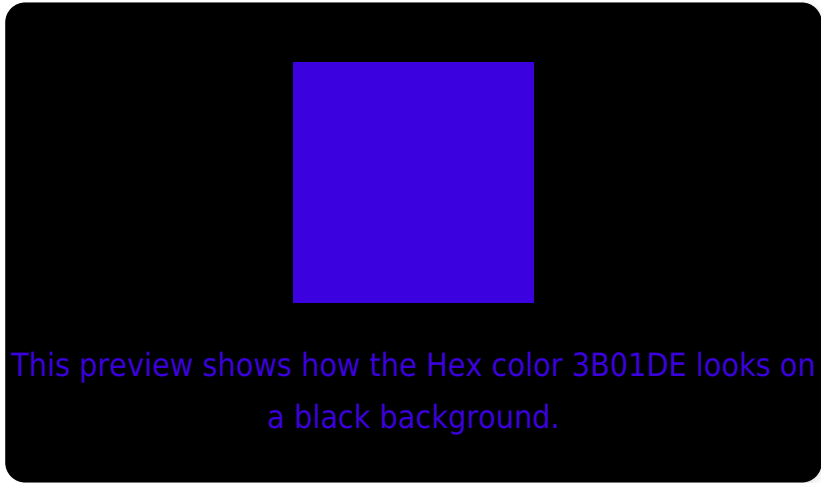
Large Text (above 18pt) WCAG AA ✓ Pass

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

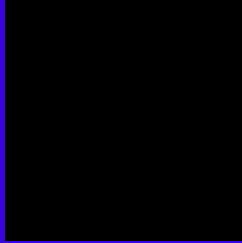
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B01DE Background



This preview shows how black text looks on a background with the Hex color 3B01DE.



This preview shows how white text looks on a background with the Hex color 3B01DE.

# 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**  
3B01DE

**Protanopia**  
004692

**Deuteranopia**  
004A7C



# Trichromacy



**Original Color**  
3B01DE

**Protanomaly**  
152DAE

**Deuteranomaly**  
152FA0

**Tritanomaly**  
153386

# Monochromacy



**Original Color**  
3B01DE

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
311C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B01DE 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 #3B01DE looks like.

```
.text, #text, p{  
    color:#3B01DE  
}
```

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 #3B01DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B01DE
}
```

## Border

The CSS property to change the border of an element to Hex 3B01DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

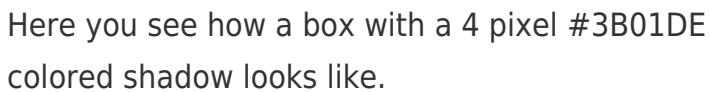
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B01DE }
```

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

```
.border{ border-color:#3B01DE }
```

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



Here you see how a box with a 4 pixel #3B01DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B01DE; -webkit-box-shadow:4px 4px  
4px 4px #3B01DE; box-shadow:4px 4px 4px  
4px #3B01DE }
```

# Background

The CSS property to change the background color of an element to Hex 3B01DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B01DE }
```

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

```
.background{ background-color:#3B01DE }
```

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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