

Converting Colors

Hex(3E00BF)

Have a look what the booklet for
Hex(3E00BF) contains.

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Color

Hex(3E00BF)

Conversions

Conversions Part 1

Format	Color
Hex	3E00BF
RGB	62, 0, 191
RGB Percent	24%, 0%, 75%
CMY	0.7569, 1.0000, 0.2510
CMYK	0.68, 1.00, 0.00, 0.25
HSL	259°, 100%, 37%
HSV	259°, 100%, 75%
XYZ	11.3906, 4.7857, 49.6136
YIQ	40.3120, -24.3590, 72.5450

Conversions

Conversions Part 2

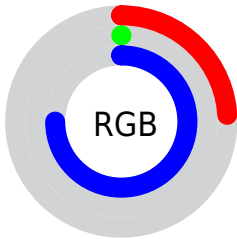
Format	Color
RYB	62, 0, 191
Decimal	4063423
CIELab	26.12, 64.98, -81.29
CIELCh	26, 104.069, 308.638
Yxy	4.7857, 0.1731, 0.0727
Android (android.graphics.Color)	4282253503 (0xFF3E00BF)
YUV	40.3120, 74.2892, 19.0204
Hunter-Lab	21.8763, 54.6581, -119.1514

Details

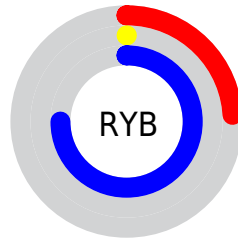
The Hex color **3E00BF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **81BF00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8142F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **3E00BF**, and if you desaturate by 10%, it is **4B13BF**.

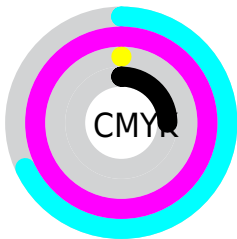
Distribution



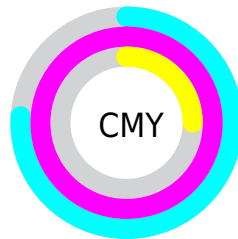
- Red (24%)
- Green (0%)
- Blue (75%)



- Red (24%)
- Yellow (0%)
- Blue (75%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (76%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E00BF 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 3E00BF by changing the saturation by 10% instead.

 3E00BF

 3E00BF

FFFFFF

 0500A3

 8142F9

 000088

 9F5DFF

 00006D

 BE78FF

 000754

 DD93FF

 00063C

 FCAFFF

 000225

 FFCBFF

 00010D

 FFE8FF

 000000

 3E00BF

 4B13BF

 5826BF

 6539BF

 724CBF

 7F60BF

 8B73BF

 9886BF

 A599BF

 B2ACBF

Harmonies

Analogous

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



0047E3



3E00BF



A3007A

Triad

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



3E00BF



781C00



005554

Complementary

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



3E00BF



81BF00

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.



005300



3E00BF



384300

Square

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



3E00BF



A50000



004F00



0058A3

Rectangle

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



3E00BF



B70046



004F00



005438

Sweetspot

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



3E00BF



C5ADF7



0083BF



5F507D



FCFCFC



7D7D7D

Same Dimension

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



3E00BF



5000F7



9C00BF



58555E



33009E



0A001F

Inverse Universe

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



BF0081



F700A7



23BF00



5E555B



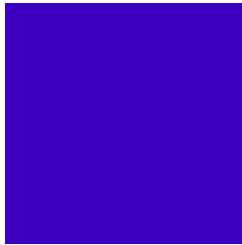
9E006B



1F0015

Previews

White Background



This preview shows how the Hex color 3E00BF looks on a white background.

Color Contrast Check

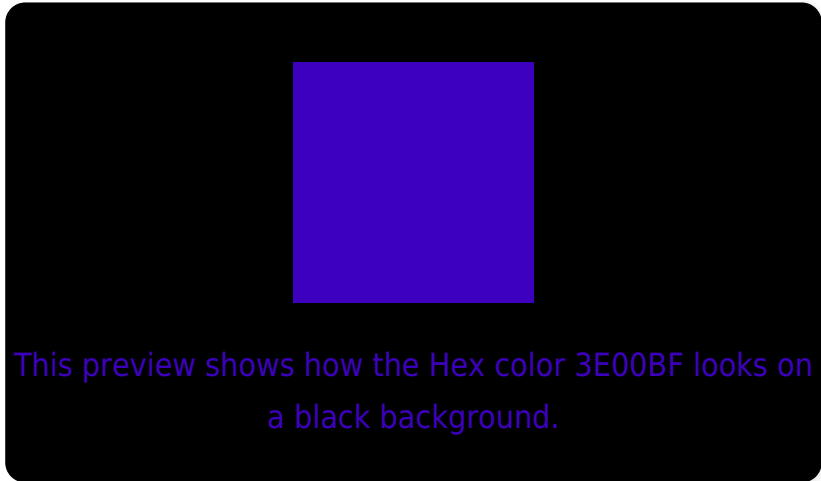
Large Text (above 18pt) WCAG AA ✓ Pass

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

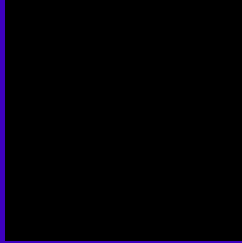
Any Text WCAG AA × Fail

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 3E00BF Background



This preview shows how black text looks on a background with the Hex color 3E00BF.



This preview shows how white text looks on a background with the Hex color 3E00BF.

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
3E00BF

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00474C

Trichromacy



Original Color
3E00BF

Protanomaly
172798

Deuteranomaly
172A8B

Tritanomaly
172D76

Monochromacy



Original Color
3E00BF

Achromatopsia
282828

Achromatomaly
30195F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E00BF 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 #3E00BF looks like.

```
.text, #text, p{  
    color:#3E00BF  
}
```

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 #3E00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E00BF
}
```

Border

The CSS property to change the border of an element to Hex 3E00BF 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".

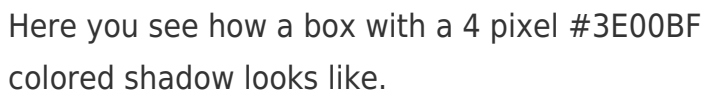
```
.border, #border, table{ border:4px solid
#3E00BF }
```

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

```
.border{ border-color:#3E00BF }
```

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

Here you see how a box with a 4 pixel #3E00BF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E00BF; -webkit-box-shadow:4px 4px  
4px 4px #3E00BF; box-shadow:4px 4px 4px  
4px #3E00BF }
```

Background

The CSS property to change the background color of an element to Hex 3E00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E00BF }
```

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

```
.background{ background-color:#3E00BF }
```

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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