

Converting Colors

Hex(3E00BA)

Have a look what the booklet for
Hex(3E00BA) contains.

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Color

Hex(3E00BA)

Conversions

Conversions Part 1

Format	Color
Hex	3E00BA
RGB	62, 0, 186
RGB Percent	24%, 0%, 73%
CMY	0.7569, 1.0000, 0.2706
CMYK	0.67, 1.00, 0.00, 0.27
HSL	260°, 100%, 36%
HSV	260°, 100%, 73%
XYZ	10.8495, 4.5693, 46.7645
YIQ	39.7420, -22.7540, 70.9900

Conversions

Conversions Part 2

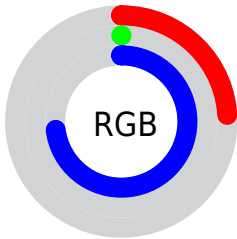
Format	Color
RYB	62, 0, 186
Decimal	4063418
CIELab	25.47, 63.79, -79.40
CIELCh	25, 101.850, 308.781
Yxy	4.5693, 0.1745, 0.0735
Android (android.graphics.Color)	4282253498 (0xFF3E00BA)
YUV	39.7420, 72.1052, 19.5203
Hunter-Lab	21.3759, 53.1913, -114.7466

Details

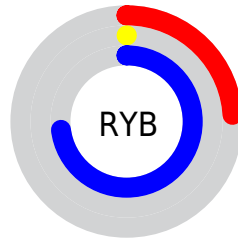
The Hex color **3E00BA** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **7CBA00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8041F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **3E00BA**, and if you desaturate by 10%, it is **4A13BA**.

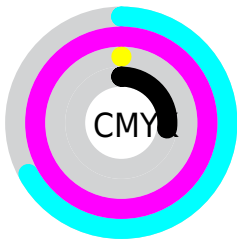
Distribution



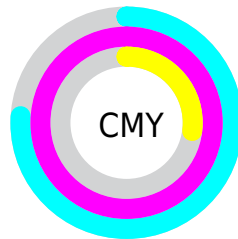
- Red (24%)
- Green (0%)
- Blue (73%)



- Red (24%)
- Yellow (0%)
- Blue (73%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E00BA 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 3E00BA by changing the saturation by 10% instead.

 3E00BA

 3E00BA

FFFFFF

 09009E

 8041F4

 000083

 9E5CFF

 000069

 BD77FF

 00094F

 DB92FF

 000538

 FAAEFF

 000221

 FFCAFF

 000006

 FFE7FF

 000000

 3E00BA

 4A13BA

 5725BA

 6338BA

 704ABA

 7C5DBA

 8870BA

 9582BA

 A195BA

 AEA7BA

Harmonies

Analogous

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



0046DE



3E00BA



9F0076

Triad

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



3E00BA



751C00



005353

Complementary

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



3E00BA



7CBA00

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.



005100



3E00BA



364200

Square

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



3E00BA



A00000



004D00



00569F

Rectangle

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



3E00BA



B20044



004D00



005337

Sweetspot

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



3E00BA



C2AAF2



007CBA



5D4E7A



FAFAFA



7A7A7A

Same Dimension

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



3E00BA



5100F2



9B00BA



56535C



34009C



09001C

Inverse Universe

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



BA007C



F200A1



1FBA00



5C5359



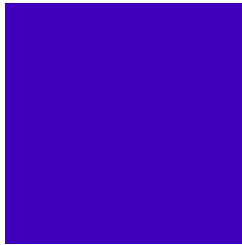
9C0068



1C0013

Previews

White Background



This preview shows how the Hex color 3E00BA looks on a white background.

Color Contrast Check

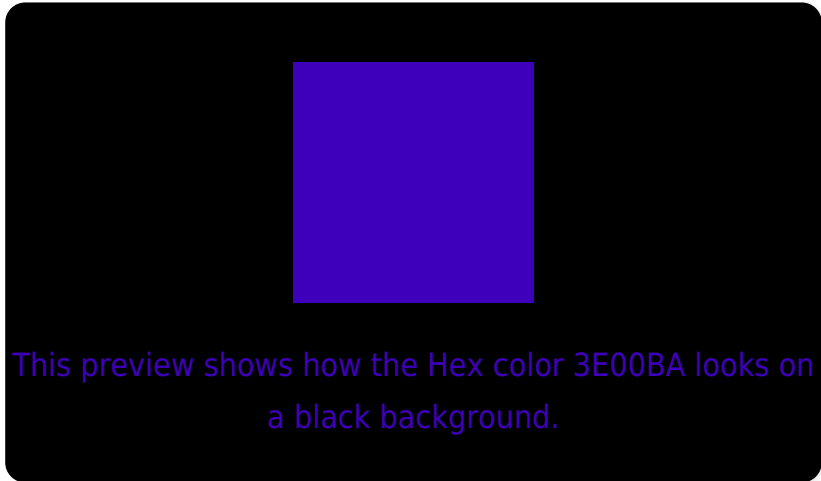
Large Text (above 18pt) WCAG AA ✓ Pass

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

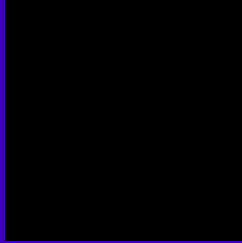
Any Text WCAG AA × Fail

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 3E00BA Background



This preview shows how black text looks on a background with the Hex color 3E00BA.



This preview shows how white text looks on a background with the Hex color 3E00BA.

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
3E00BA

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
3E00BA

Protanomaly
172794

Deuteranomaly
172988

Tritanomaly
172D73

Monochromacy



Original Color
3E00BA

Achromatopsia
282828

Achromatomaly
30195D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E00BA 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 #3E00BA looks like.

```
.text, #text, p{  
    color:#3E00BA  
}
```

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 #3E00BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E00BA
}
```

Border

The CSS property to change the border of an element to Hex 3E00BA 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".

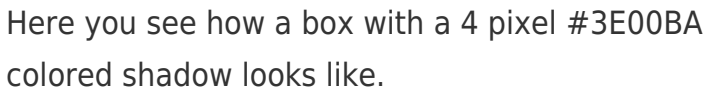
```
.border, #border, table{ border:4px solid
#3E00BA }
```

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

```
.border{ border-color:#3E00BA }
```

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

Here you see how a box with a 4 pixel #3E00BA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E00BA; -webkit-box-shadow:4px 4px  
4px 4px #3E00BA; box-shadow:4px 4px 4px  
4px #3E00BA }
```

Background

The CSS property to change the background color of an element to Hex 3E00BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E00BA }
```

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

```
.background{ background-color:#3E00BA }
```

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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