

Converting Colors

Hex(3A0EDE)

Have a look what the booklet for
Hex(3A0EDE) contains.

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Color

Hex(3A0EDE)

Conversions

Conversions Part 1

Format	Color
Hex	3A0EDE
RGB	58, 14, 222
RGB Percent	23%, 5%, 87%
CMY	0.7725, 0.9451, 0.1294
CMYK	0.74, 0.94, 0.00, 0.13
HSL	253°, 88%, 46%
HSV	253°, 94%, 87%
XYZ	15.0868, 6.4875, 69.5643
YIQ	50.8680, -40.5440, 74.0160

Conversions

Conversions Part 2

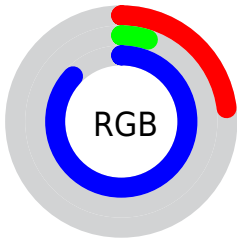
Format	Color
R_{YB}	58, 14, 222
Decimal	3804894
CIE _{Lab}	30.61, 69.81, -91.89
CIE _{LCh}	31, 115.404, 307.225
Yxy	6.4875, 0.1655, 0.0712
Android (android.graphics.Color)	4281994974 (0xFF3A0EDE)
YUV	50.8680, 84.3681, 6.2548
Hunter-Lab	25.4707, 61.1555, -144.1007

Details

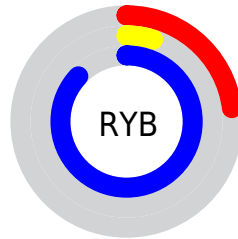
The Hex color **3A0EDE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B2DE0E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **844BFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **2F00DE**, and if you desaturate by 10%, it is **4C24DE**.

Distribution



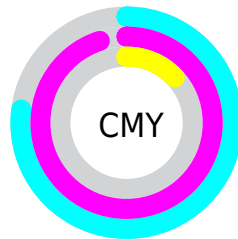
- Red (23%)
- Green (5%)
- Blue (87%)



- Red (23%)
- Yellow (5%)
- Blue (87%)



- Cyan (74%)
- Magenta (94%)
- Yellow (0%)
- Black (13%)



- Cyan (77%)
- Magenta (95%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0EDE 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 3A0EDE by changing the saturation by 10% instead.

 3A0EDE

 3A0EDE

FFFFFF

 0000C1

 844BFF

 0000A5

 A466FF

 00008A

 C481FF

 00006F

 E49CFF

 000C55

 FF88FF

 00063D

 FFD5FF

 000326

 FFF2FF

 000110

 000000

■ 3A0EDE

■ 3A0EDE

■ 2F00DE

■ 4C24DE

■ 5D3ADE

■ 6F51DE

■ 8067DE

■ 927DDE

■ A393DE

■ B5A9DE

■ C6C0DE

■ D8D6DE

Harmonies

Analogous

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



0055FF



3A0EDE



B90090

Triad

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



3A0EDE



8D1D00



00625D

Complementary

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



3A0EDE



B2DE0E

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.



006000



3A0EDE



454D00

Square

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



3A0EDE



BF0000



005B00



0065B7

Rectangle

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



3A0EDE



D10055



005B00



00613D

Sweetspot

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



3A0EDE



C7B8FF



0EB4DE



5D5480



000000



808080

Same Dimension

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



3A0EDE



3600FF



A00EDE



676570



2500B0



0A0030

Inverse Universe

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



DE0EB2



FF00C9



4CDE0E



70656E



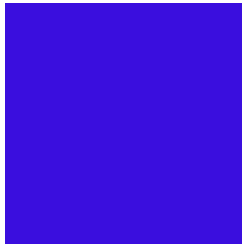
B0008B



300026

Previews

White Background



This preview shows how the Hex color 3A0EDE looks on a white background.

Color Contrast Check

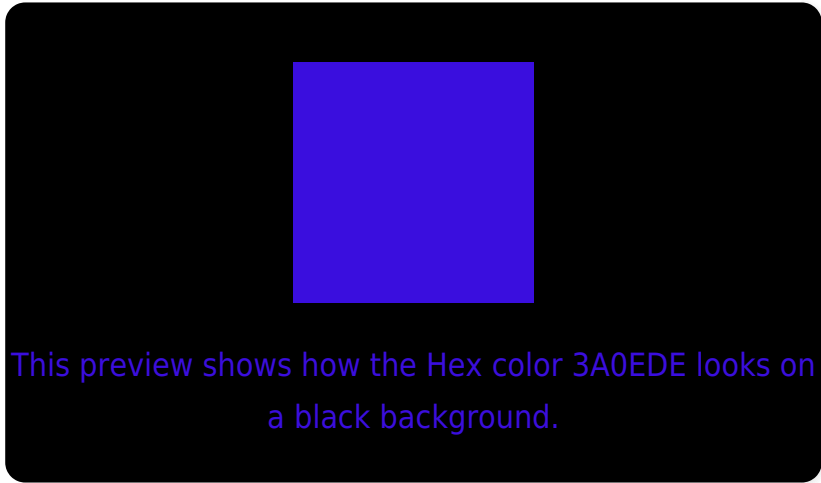
Large Text (above 18pt) WCAG AA ✓ Pass

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

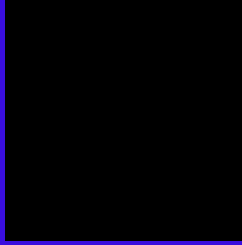
Any Text WCAG AA × Fail

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 3A0EDE Background



This preview shows how black text looks on a background with the Hex color 3A0EDE.



This preview shows how white text looks on a background with the Hex color 3A0EDE.

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
3A0EDE

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
3A0EDE

Protanomaly
1532AE

Deuteranomaly
1535A0

Tritanomaly
153987

Monochromacy



Original Color
3A0EDE

Achromatopsia
333333

Achromatomaly
362671

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0EDE 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 #3A0EDE looks like.

```
.text, #text, p{  
    color:#3A0EDE  
}
```

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 #3A0EDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0EDE
}
```

Border

The CSS property to change the border of an element to Hex 3A0EDE 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".

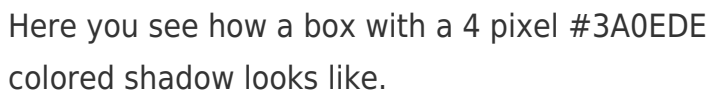
```
.border, #border, table{ border:4px solid
#3A0EDE }
```

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

```
.border{ border-color:#3A0EDE }
```

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

Here you see how a box with a 4 pixel #3A0EDE 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0EDE; -webkit-box-shadow:4px 4px  
4px 4px #3A0EDE; box-shadow:4px 4px 4px  
4px #3A0EDE }
```

Background

The CSS property to change the background color of an element to Hex 3A0EDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0EDE }
```

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

```
.background{ background-color:#3A0EDE }
```

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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