

Converting Colors

Hex(3E00DB)

Have a look what the booklet for
Hex(3E00DB) contains.

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Color

Hex(3E00DB)

Conversions

Conversions Part 1

Format	Color
Hex	3E00DB
RGB	62, 0, 219
RGB Percent	24%, 0%, 86%
CMY	0.7569, 1.0000, 0.1412
CMYK	0.72, 1.00, 0.00, 0.14
HSL	257°, 100%, 43%
HSV	257°, 100%, 86%
XYZ	14.7728, 6.1386, 67.4241
YIQ	43.5040, -33.3470, 81.2530

Conversions

Conversions Part 2

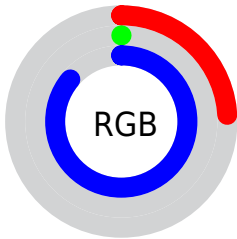
Format	Color
R_{YB}	62, 0, 219
Decimal	4063451
CIE _{Lab}	29.76, 71.59, -91.57
CIE _{LCh}	30, 116.237, 308.018
Yxy	6.1386, 0.1672, 0.0695
Android (android.graphics.Color)	4282253531 (0xFF3E00DB)
YUV	43.5040, 86.5195, 16.2210
Hunter-Lab	24.7762, 63.0721, -144.0039

Details

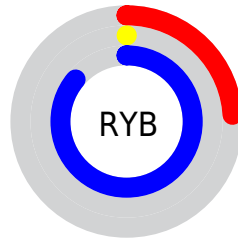
The Hex color **3E00DB** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9DDB00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8646FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **3E00DB**, and if you desaturate by 10%, it is **4E16DB**.

Distribution



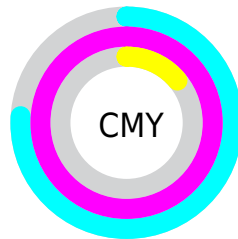
- Red (24%)
- Green (0%)
- Blue (86%)



- Red (24%)
- Yellow (0%)
- Blue (86%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (76%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E00DB 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 3E00DB by changing the saturation by 10% instead.

 3E00DB

 3E00DB

FFFFFF

 0000BE

 8646FF

 0000A2

 A661FF

 000087

 C67CFF

 00006C

 E698FF

 000B53

 FFB4FF

 00063B

 FFD1FF

 000224

 FFEEFF

 00000C

 000000

 3E00DB

 4E16DB

 5D2CDB

 6D42DB

 7D58DB

 8C6EDB

 9C83DB

 AC99DB

 BCAFDB

 CBC5DB

Harmonies

Analogous

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



0052FF



3E00DB



B8008C

Triad

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



3E00DB



891D00



00605E

Complementary

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



3E00DB



9DDB00

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.



005D00



3E00DB



404C00

Square

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



3E00DB



BB0000



005900



0063B8

Rectangle

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



3E00DB



CF0051



005900



005F3E

Sweetspot

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



3E00DB



C8B3FF



00A1DB



5F5280



000000



808080

Same Dimension

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



3E00DB



4800FF



A800DB



66636E



3100AD



0D002E

Inverse Universe

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



DB009D



FF00B7



33DB00



6E636B



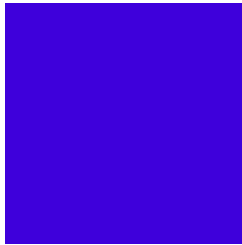
AD007C



2E0021

Previews

White Background



This preview shows how the Hex color 3E00DB looks on a white background.

Color Contrast Check

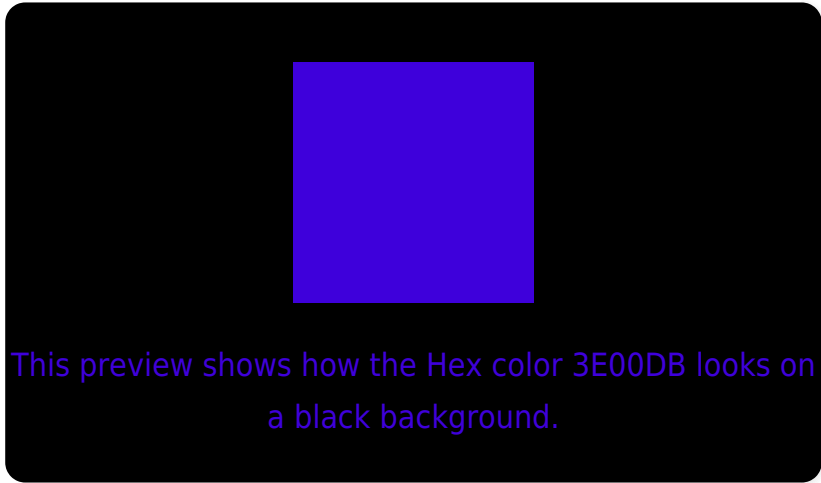
Large Text (above 18pt) WCAG AA ✓ Pass

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

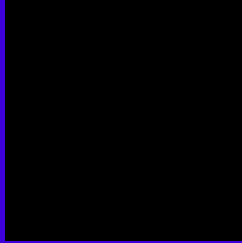
Any Text WCAG AA × Fail

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 3E00DB Background



This preview shows how black text looks on a background with the Hex color 3E00DB.



This preview shows how white text looks on a background with the Hex color 3E00DB.

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
3E00DB

Protanopia
004591

Deuteranopia
004A7B

Trichromacy



Original Color
3E00DB

Protanomaly
172CAC

Deuteranomaly
172F9E

Tritanomaly
173385

Monochromacy



Original Color
3E00DB

Achromatopsia
2C2C2C

Achromatomaly
331C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E00DB 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 #3E00DB looks like.

```
.text, #text, p{  
    color:#3E00DB  
}
```

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 #3E00DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E00DB
}
```

Border

The CSS property to change the border of an element to Hex 3E00DB 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
#3E00DB }
```

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

```
.border{ border-color:#3E00DB }
```

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

Here you see how a box with a 4 pixel #3E00DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E00DB; -webkit-box-shadow:4px 4px  
4px 4px #3E00DB; box-shadow:4px 4px 4px  
4px #3E00DB }
```

Background

The CSS property to change the background color of an element to Hex 3E00DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E00DB }
```

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

```
.background{ background-color:#3E00DB }
```

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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