

Converting Colors

Hex(3800E3)

Have a look what the booklet for
Hex(3800E3) contains.

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Color

Hex(3800E3)

Conversions

Conversions Part 1

Format	Color
Hex	3800E3
RGB	56, 0, 227
RGB Percent	22%, 0%, 89%
CMY	0.7804, 1.0000, 0.1098
CMYK	0.75, 1.00, 0.00, 0.11
HSL	255°, 100%, 45%
HSV	255°, 100%, 89%
XYZ	15.4960, 6.3868, 73.0891
YIQ	42.6220, -39.4910, 82.4690

Conversions

Conversions Part 2

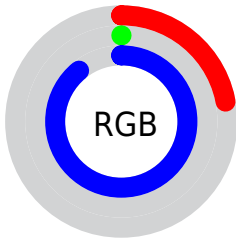
Format	Color
RYB	56, 0, 227
Decimal	3670243
CIELab	30.37, 73.29, -95.17
CIElCh	30, 120.118, 307.597
Yxy	6.3868, 0.1632, 0.0672
Android (android.graphics.Color)	4281860323 (0xFF3800E3)
YUV	42.6220, 90.8984, 11.7325
Hunter-Lab	25.2721, 65.2239, -153.7811

Details

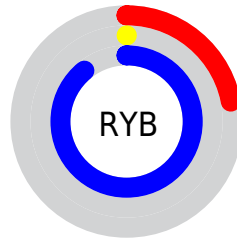
The Hex color **3800E3** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **ABE300**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8446FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **3800E3**, and if you desaturate by 10%, it is **4917E3**.

Distribution



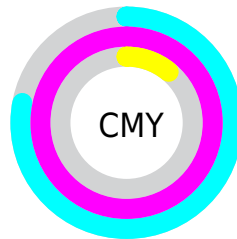
- Red (22%)
- Green (0%)
- Blue (89%)



- Red (22%)
- Yellow (0%)
- Blue (89%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3800E3 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 3800E3 by changing the saturation by 10% instead.

 3800E3

 3800E3

FFFFFF

 0000C6

 8446FF

 0000AA

 A562FF

 00008E

 C57DFF

 000073

 E599FF

 000D5A

 FFB5FF

 000741

 FFD1FF

 00032A

 FFEFFF

 000114

 000000

 3800E3

 4917E3

 5A2DE3

 6B44E3

 7C5BE3

 8E72E3

 9F88E3

 B09FE3

 C1B6E3

 D2CCE3

Harmonies

Analogous

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



0055FF



3800E3



BD0092

Triad

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



3800E3



8D1A00



00625F

Complementary

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



3800E3



ABE300

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.



005F00



3800E3



424D00

Square

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



3800E3



C10000



005B00



0066BC

Rectangle

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



3800E3



D50054



005B00



00613E

Sweetspot

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



3800E3



C5B3FF



00AEE3



5D5280



000000



808080

Same Dimension

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



3800E3



3F00FF



A600E3



6A6773



2C00B3



0D0033

Inverse Universe

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



E300AB



FF00C0



3DE300



736770



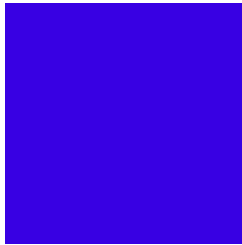
B30086



330026

Previews

White Background



This preview shows how the Hex color 3800E3 looks on a white background.

Color Contrast Check

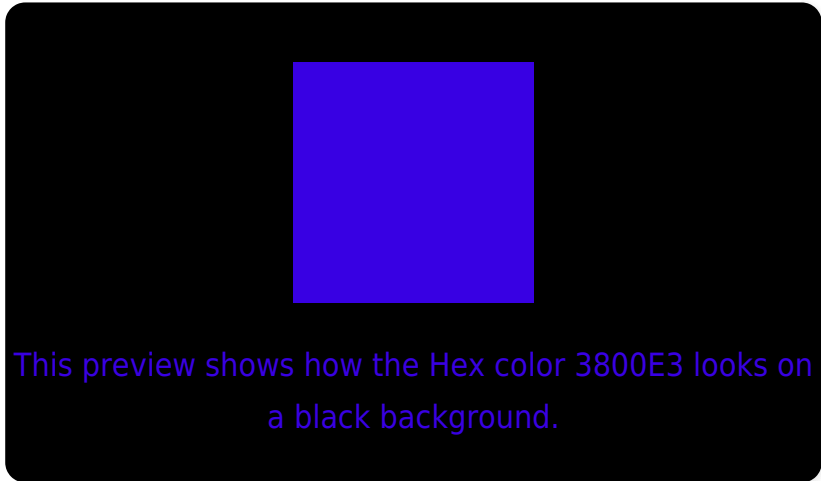
Large Text (above 18pt) WCAG AA ✓ Pass

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

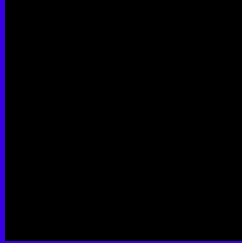
Any Text WCAG AA × Fail

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 3800E3 Background



This preview shows how black text looks on a background with the Hex color 3800E3.



This preview shows how white text looks on a background with the Hex color 3800E3.

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
3800E3

Protanopia
004694

Deuteranopia
004B7D

Trichromacy



Original Color
3800E3

Protanomaly
142DB1

Deuteranomaly
1430A2

Tritanomaly
143489

Monochromacy



Original Color
3800E3

Achromatopsia
2B2B2B

Achromatomaly
301B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3800E3 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 #3800E3 looks like.

```
.text, #text, p{  
    color:#3800E3  
}
```

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 #3800E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3800E3
}
```

Border

The CSS property to change the border of an element to Hex 3800E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

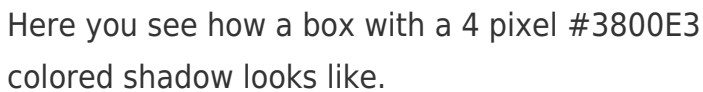
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3800E3 }
```

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

```
.border{ border-color:#3800E3 }
```

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



Here you see how a box with a 4 pixel #3800E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3800E3; -webkit-box-shadow:4px 4px  
4px 4px #3800E3; box-shadow:4px 4px 4px  
4px #3800E3 }
```

Background

The CSS property to change the background color of an element to Hex 3800E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3800E3 }
```

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

```
.background{ background-color:#3800E3 }
```

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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