

Converting Colors

Hex(3800E0)

Have a look what the booklet for
Hex(3800E0) contains.

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Color

Hex(3800E0)

Conversions

Conversions Part 1

Format	Color
Hex	3800E0
RGB	56, 0, 224
RGB Percent	22%, 0%, 88%
CMY	0.7804, 1.0000, 0.1216
CMYK	0.75, 1.00, 0.00, 0.12
HSL	255°, 100%, 44%
HSV	255°, 100%, 88%
XYZ	15.0854, 6.2226, 70.9270
YIQ	42.2800, -38.5280, 81.5360

Conversions

Conversions Part 2

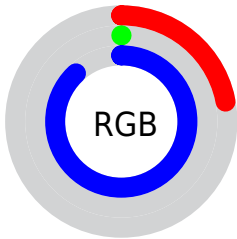
Format	Color
RYB	56, 0, 224
Decimal	3670240
CIELab	29.97, 72.58, -94.12
CIElCh	30, 118.853, 307.637
Yxy	6.2226, 0.1636, 0.0675
Android (android.graphics.Color)	4281860320 (0xFF3800E0)
YUV	42.2800, 89.5880, 12.0324
Hunter-Lab	24.9451, 64.2932, -151.1192

Details

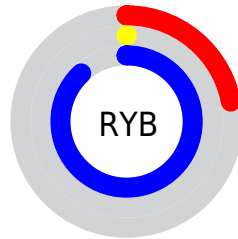
The Hex color **3800E0** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **A8E000**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8346FF**, and **0000A7** is the 20% darker color. If you saturate the color by 10%, you get **3800E0**, and if you desaturate by 10%, it is **4916E0**.

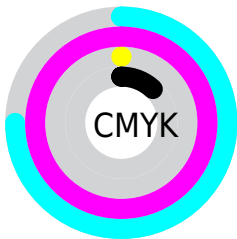
Distribution



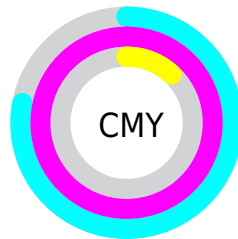
- Red (22%)
- Green (0%)
- Blue (88%)



- Red (22%)
- Yellow (0%)
- Blue (88%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)






















- Cyan (78%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3800E0 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 3800E0 by changing the saturation by 10% instead.

 3800E0	 3800E0
 FFFFFFFF	 0000C3
 8346FF	 0000A7
 A461FF	 00008B
 C47CFF	 000071
 E498FF	 000C57
 FFB4FF	 00063F
 FFD1FF	 000328
 FFEEFF	 000111
	 000000

 3800E0

 4916E0

 5A2DE0

 6A43E0

 7B5AE0

 8C70E0

 9D86E0

 AE9DE0

 BEB3E0

 CFCAE0

Harmonies

Analogous

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



0054FF



3800E0



BA0090

Triad

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



3800E0



8B1A00



00615E

Complementary

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



3800E0



A8E000

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.



005E00



3800E0



424C00

Square

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



3800E0



BF0000



005A00



0064BA

Rectangle

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



3800E0



D30053



005A00



00603D

Sweetspot

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



3800E0



C6B3FF



00A8E0



5D5280



000000



808080

Same Dimension

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



3800E0



4000FF



A800E0



686570



2C00B0



0C0030

Inverse Universe

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



E000A8



FF00BF



38E000



70656D



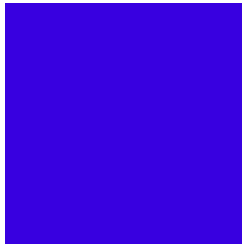
B00084



300024

Previews

White Background



This preview shows how the Hex color 3800E0 looks on a white background.

Color Contrast Check

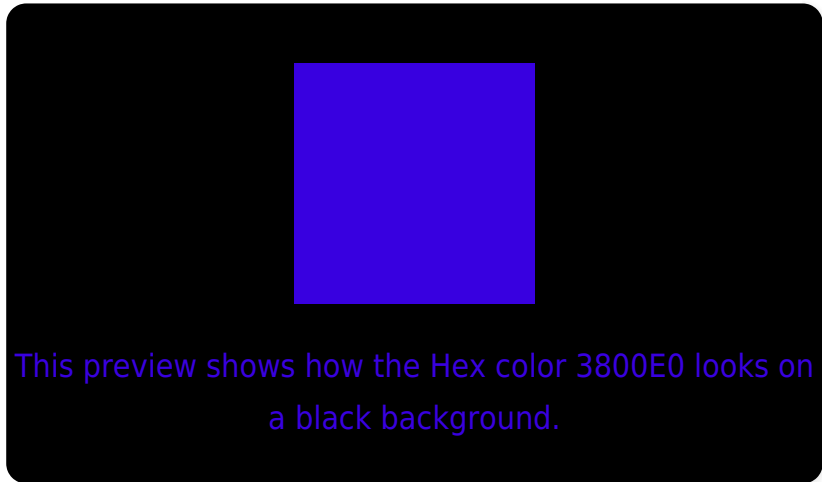
Large Text (above 18pt) WCAG AA ✓ Pass

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

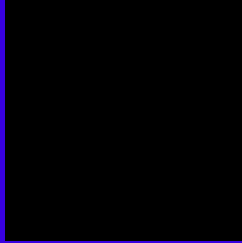
Any Text WCAG AA × Fail

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 3800E0 Background



This preview shows how black text looks on a background with the Hex color 3800E0.



This preview shows how white text looks on a background with the Hex color 3800E0.

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
3800E0

Protanopia
004692

Deuteranopia
004A7C

Trichromacy



Original Color
3800E0

Protanomaly
142DAE

Deuteranomaly
142FA0

Tritanomaly
143387

Monochromacy



Original Color
3800E0

Achromatopsia
2A2A2A

Achromatomaly
2F1B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3800E0 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 #3800E0 looks like.

```
.text, #text, p{  
    color:#3800E0  
}
```

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 #3800E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3800E0
}
```

Border

The CSS property to change the border of an element to Hex 3800E0 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
#3800E0 }
```

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

```
.border{ border-color:#3800E0 }
```

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

Here you see how a box with a 4 pixel #3800E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3800E0; -webkit-box-shadow:4px 4px  
4px 4px #3800E0; box-shadow:4px 4px 4px  
4px #3800E0 }
```

Background

The CSS property to change the background color of an element to Hex 3800E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3800E0 }
```

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

```
.background{ background-color:#3800E0 }
```

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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