

Converting Colors

Hex(3800BE)

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

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Color

Hex(3800BE)

Conversions

Conversions Part 1

Format	Color
Hex	3800BE
RGB	56, 0, 190
RGB Percent	22%, 0%, 75%
CMY	0.7804, 1.0000, 0.2549
CMYK	0.71, 1.00, 0.00, 0.25
HSL	258°, 100%, 37%
HSV	258°, 100%, 75%
XYZ	10.9252, 4.5585, 49.0192
YIQ	38.4040, -27.6140, 70.9620

Conversions

Conversions Part 2

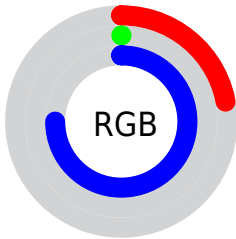
Format	Color
RYB	56, 0, 190
Decimal	3670206
CIELab	25.44, 64.50, -81.84
CIELCh	25, 104.200, 308.241
Yxy	4.5585, 0.1694, 0.0707
Android (android.graphics.Color)	4281860286 (0xFF3800BE)
YUV	38.4040, 74.7368, 15.4317
Hunter-Lab	21.3505, 53.9756, -121.1800

Details

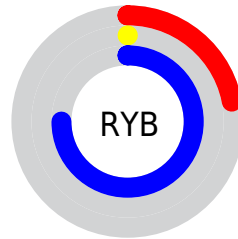
The Hex color **3800BE** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **86BE00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7C41F8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **3800BE**, and if you desaturate by 10%, it is **4513BE**.

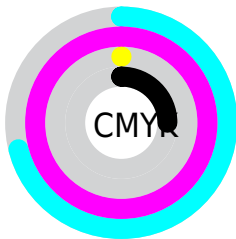
Distribution



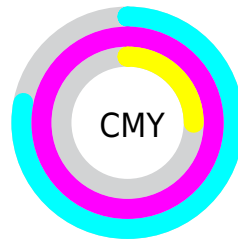
- Red (22%)
- Green (0%)
- Blue (75%)



- Red (22%)
- Yellow (0%)
- Blue (75%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

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


 3800BE

 3800BE

FFFFFF

 0000A2

 7C41F8

 000087

 9B5CFF

 00006C

 BA76FF

 000A53

 D992FF

 00063B

 F8ADFF

 000224

 FFCAFF

 00000C

 FFE6FF

 000000

 3800BE

 4513BE

 5326BE

 6039BE

 6E4CBE

 7B5FBE

 8872BE

 9685BE

 A398BE

 B1ABBE

Harmonies

Analogous

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



0047E2



3800BE



A10079

Triad

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



3800BE



761900



005452

Complementary

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



3800BE



86BE00

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



3800BE



374100

Square

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



3800BE



A30000



004D00



0056A0

Rectangle

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



3800BE



B40045



004D00



005336

Sweetspot

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



3800BE



C3ADF7



0088BE



5D507D



FCFCFC



7D7D7D

Same Dimension

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



3800BE



4900F7



9500BE



58555E



2F009E



09001F

Inverse Universe

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



BE0086



F700AE



29BE00



5E555C



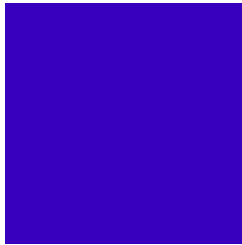
9E0070



1F0016

Previews

White Background



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

Color Contrast Check

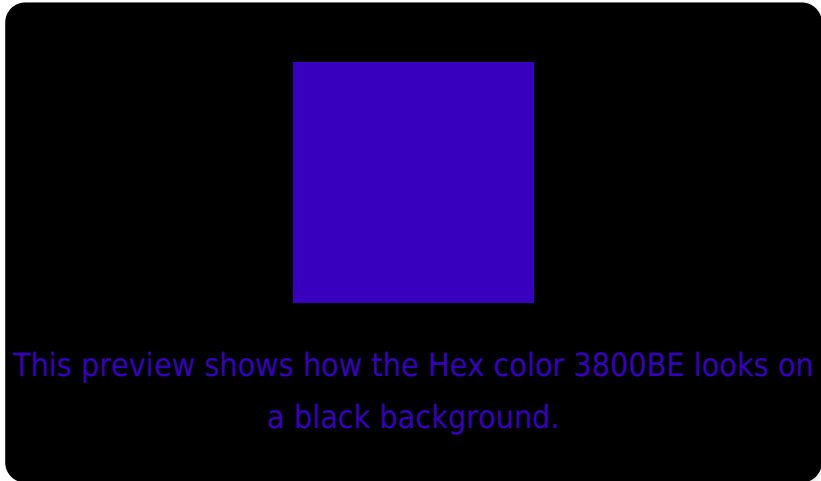
Large Text (above 18pt) WCAG AA ✓ Pass

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

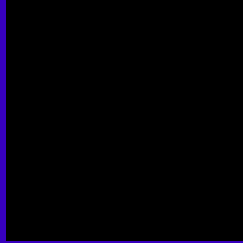
Any Text WCAG AA × Fail

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 3800BE Background



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



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

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
3800BE

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
3800BE

Protanomaly
142796

Deuteranomaly
14298A

Tritanomaly
142D74

Monochromacy



Original Color
3800BE

Achromatopsia
262626

Achromatomaly
2D185D

CSS Examples

Text

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

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

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 #3800BE colored shadow looks like.

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

Border

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

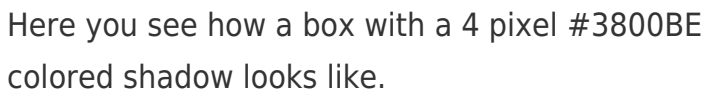
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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