

Converting Colors

Hex(3806C1)

Have a look what the booklet for
Hex(3806C1) contains.

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Color

Hex(3806C1)

Conversions

Conversions Part 1

Format	Color
Hex	3806C1
RGB	56, 6, 193
RGB Percent	22%, 2%, 76%
CMY	0.7804, 0.9765, 0.2431
CMYK	0.71, 0.97, 0.00, 0.24
HSL	256°, 94%, 39%
HSV	256°, 97%, 76%
XYZ	11.3217, 4.8213, 50.7860
YIQ	42.2680, -30.2270, 68.7570

Conversions

Conversions Part 2

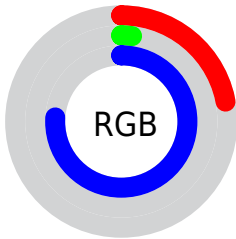
Format	Color
RYB	56, 6, 193
Decimal	3671745
CIELab	26.22, 64.03, -82.31
CIELCh	26, 104.287, 307.881
Yxy	4.8213, 0.1692, 0.0720
Android (android.graphics.Color)	4281861825 (0xFF3806C1)
YUV	42.2680, 74.3109, 12.0430
Hunter-Lab	21.9574, 53.6127, -121.7638

Details

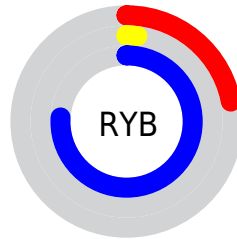
The Hex color **3806C1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **8FC106**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7D44FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **3400C1**, and if you desaturate by 10%, it is **4619C1**.

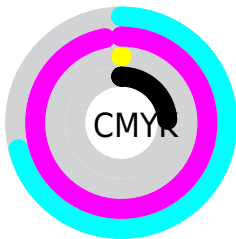
Distribution



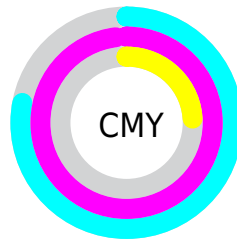
- Red (22%)
- Green (2%)
- Blue (76%)



- Red (22%)
- Yellow (2%)
- Blue (76%)



- Cyan (71%)
- Magenta (97%)
- Yellow (0%)
- Black (24%)



- Cyan (78%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3806C1 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 3806C1 by changing the saturation by 10% instead.



3806C1



3806C1

FFFFFF



0000A5



7D44FB



00008A



9C5EFF



00006F



BB79FF



000856



D994FF



00063D



F8B0FF



000326



FFCCFF



000110



FFE9FF



000000



3806C1



3806C1

■ 3400C1

■ 4619C1

■ 542DC1

■ 6240C1

■ 7153C1

■ 7F66C1

■ 8D7AC1

■ 9B8DC1

■ A9A0C1

■ B7B4C1

Harmonies

Analogous

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



0048E4



3806C1



A2007C

Triad

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



3806C1



791B00



005552

Complementary

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



3806C1



8FC106

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.



005300



3806C1



3A4300

Square

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



3806C1



A60000



004F00



0058A2

Rectangle

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



3806C1



B70048



004F00



005536

Sweetspot

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



3806C1



C5B1FA



068FC1



5D517D



FCFCFC



7D7D7D

Same Dimension

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



3806C1



4300FA



9506C1



5A5761



2B00A1



090021

Inverse Universe

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



C1068F



FA00B7



32C106



61575E



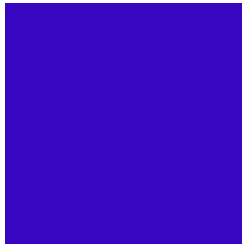
A10076



210018

Previews

White Background



This preview shows how the Hex color 3806C1 looks on a white background.

Color Contrast Check

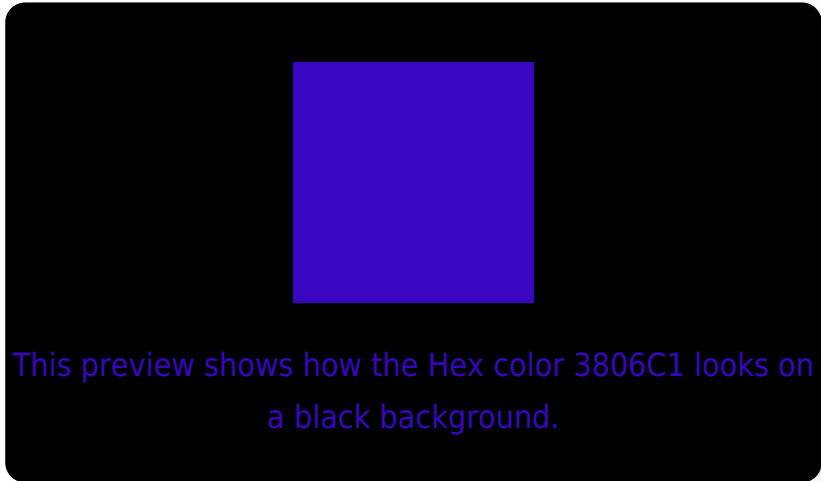
Large Text (above 18pt) WCAG AA ✓ Pass

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

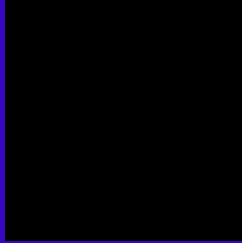
Any Text WCAG AA × Fail

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 3806C1 Background



This preview shows how black text looks on a background with the Hex color 3806C1.



This preview shows how white text looks on a background with the Hex color 3806C1.

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
3806C1

Protanopia
003D81

Deuteranopia
00426D



Tritanopia
00474B

Trichromacy



Original Color
3806C1

Protanomaly
142998

Deuteranomaly
142C8C

Tritanomaly
142F76

Monochromacy



Original Color
3806C1

Achromatopsia
2A2A2A

Achromatomaly
2F1D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 3806C1 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 #3806C1 looks like.

```
.text, #text, p{  
    color:#3806C1  
}
```

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 #3806C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3806C1
}
```

Border

The CSS property to change the border of an element to Hex 3806C1 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
#3806C1 }
```

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

```
.border{ border-color:#3806C1 }
```

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

Here you see how a box with a 4 pixel #3806C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3806C1; -webkit-box-shadow:4px 4px  
4px 4px #3806C1; box-shadow:4px 4px 4px  
4px #3806C1 }
```

Background

The CSS property to change the background color of an element to Hex 3806C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3806C1 }
```

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

```
.background{ background-color:#3806C1 }
```

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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