

Converting Colors

Hex(4306CF)

Have a look what the booklet for
Hex(4306CF) contains.

Hex(4306CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4306CF)

Conversions

Conversions Part 1

Format	Color
Hex	4306CF
RGB	67, 6, 207
RGB Percent	26%, 2%, 81%
CMY	0.7373, 0.9765, 0.1882
CMYK	0.68, 0.97, 0.00, 0.19
HSL	258°, 94%, 42%
HSV	258°, 97%, 81%
XYZ	13.6423, 5.8285, 59.4375
YIQ	47.1530, -28.1650, 75.4430

Conversions

Conversions Part 2

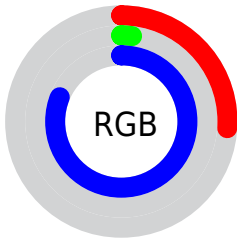
Format	Color
RYB	67, 6, 207
Decimal	4392655
CIELab	28.98, 67.93, -85.91
CIELCh	29, 109.522, 308.334
Yxy	5.8285, 0.1729, 0.0739
Android (android.graphics.Color)	4282582735 (0xFF4306CF)
YUV	47.1530, 78.8046, 17.4058
Hunter-Lab	24.1424, 58.6175, -129.0698

Details

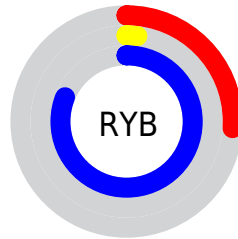
The Hex color **4306CF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **92CF06**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8747FF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **3F00CF**, and if you desaturate by 10%, it is **511BCF**.

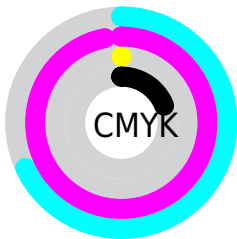
Distribution



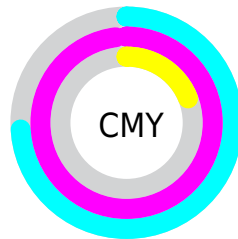
- Red (26%)
- Green (2%)
- Blue (81%)



- Red (26%)
- Yellow (2%)
- Blue (81%)



- Cyan (68%)
- Magenta (97%)
- Yellow (0%)
- Black (19%)



- Cyan (74%)
- Magenta (98%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4306CF 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 4306CF by changing the saturation by 10% instead.

 4306CF

 4306CF

FFFFFF

 0B00B3

 8747FF

 000097

 A662FF

 00007C

 C57DFF

 000062

 E599FF

 000949

 FFB5FF

 000431

 FFD1FF

 00011B

 FFEEFF

 000000

 4306CF

 4306CF

■ 3F00CF

■ 511BCF

■ 602FCF

■ 6E44CF

■ 7D59CF

■ 8B6ECF

■ 9A82CF

■ A897CF

■ B6ACCF

■ C5C0CF

Harmonies

Analogous

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



004FF5



4306CF



B00085

Triad

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



4306CF



832000



005D5B

Complementary

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



4306CF



92CF06

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.



005B00



4306CF



3F4A00

Square

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



4306CF



B30000



005700



0060B0

Rectangle

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



4306CF



C6004E



005700



005C3E

Sweetspot

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



4306CF



CBB5FF



0693CF



605380



000000



808080

Same Dimension

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



4306CF



4D00FF



A706CF



615E69



3300A8



0C0029

Inverse Universe

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



CF0692



FF00B2



2ECF06



695E65



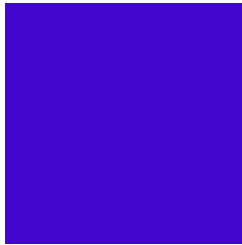
A80075



29001C

Previews

White Background



This preview shows how the Hex color 4306CF looks on a white background.

Color Contrast Check

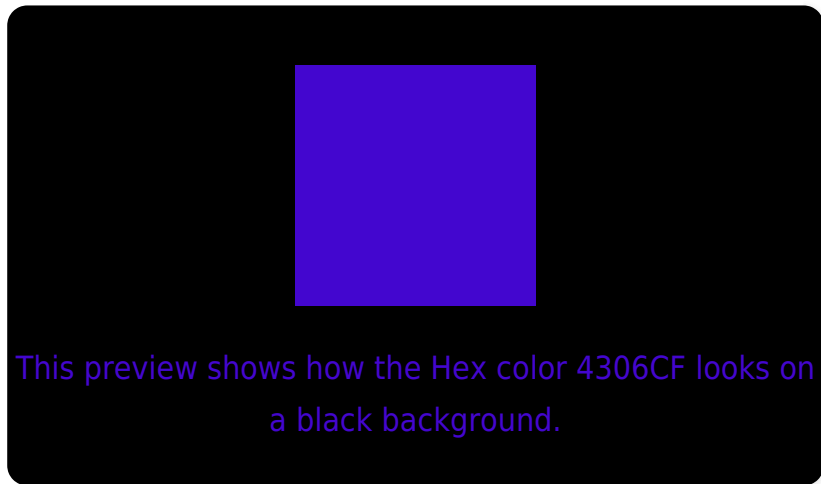
Large Text (above 18pt) WCAG AA ✓ Pass

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

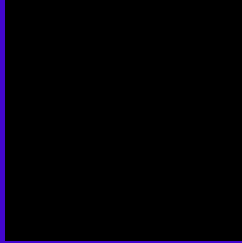
Any Text WCAG AA × Fail

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 4306CF Background



This preview shows how black text looks on a background with the Hex color 4306CF.



This preview shows how white text looks on a background with the Hex color 4306CF.

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
4306CF

Protanopia
00438D

Deuteranopia
004878

Trichromacy



Original Color
4306CF

Protanomaly
182DA5

Deuteranomaly
183098

Tritanomaly
18337F

Monochromacy



Original Color
4306CF

Achromatopsia
2F2F2F

Achromatomaly
362069

CSS Examples

Text

The CSS property to change the color of the text to Hex 4306CF 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 #4306CF looks like.

```
.text, #text, p{  
  color:#4306CF  
}
```

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 #4306CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4306CF
}
```

Border

The CSS property to change the border of an element to Hex 4306CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

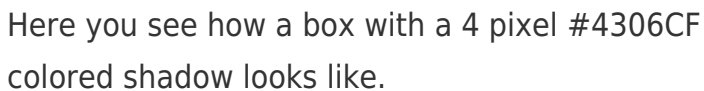
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4306CF }
```

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

```
.border{ border-color:#4306CF }
```

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



Here you see how a box with a 4 pixel #4306CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4306CF; -webkit-box-shadow:4px 4px  
4px 4px #4306CF; box-shadow:4px 4px 4px  
4px #4306CF }
```

Background

The CSS property to change the background color of an element to Hex 4306CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4306CF }
```

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

```
.background{ background-color:#4306CF }
```

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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