

Converting Colors

Hex(5706CD)

Have a look what the booklet for
Hex(5706CD) contains.

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Color

Hex(5706CD)

Conversions

Conversions Part 1

Format	Color
Hex	5706CD
RGB	87, 6, 205
RGB Percent	34%, 2%, 80%
CMY	0.6588, 0.9765, 0.1961
CMYK	0.58, 0.97, 0.00, 0.20
HSL	264°, 94%, 41%
HSV	264°, 97%, 80%
XYZ	15.0150, 6.5643, 58.2333
YIQ	52.9050, -15.6030, 79.0610

Conversions

Conversions Part 2

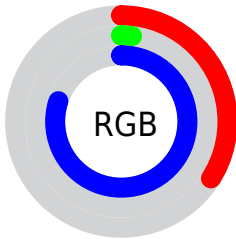
Format	Color
RYB	87, 6, 205
Decimal	5703373
CIELab	30.79, 68.60, -81.66
CIELCh	31, 106.651, 310.029
Yxy	6.5643, 0.1881, 0.0822
Android (android.graphics.Color)	4283893453 (0xFF5706CD)
YUV	52.9050, 74.9828, 29.9013
Hunter-Lab	25.6208, 59.7733, -116.8250

Details

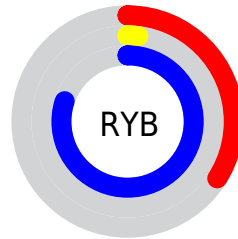
The Hex color **5706CD** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **7CCD06**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9649FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **5300CD**, and if you desaturate by 10%, it is **631BCD**.

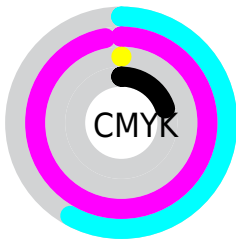
Distribution



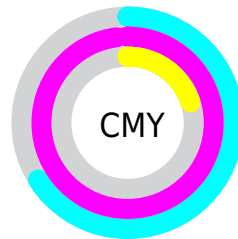
- Red (34%)
- Green (2%)
- Blue (80%)



- Red (34%)
- Yellow (2%)
- Blue (80%)



- Cyan (58%)
- Magenta (97%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5706CD 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 5706CD by changing the saturation by 10% instead.

 5706CD

 5706CD

FFFFFF

 3300B1

 9649FF

 000095

 B565FF

 00007A

 D380FF

 000060

 F29CFF

 000847


 FFB8FF

 000430

 FFD5FF

 00011A

 FFF2FF

 000000

 5706CD

 5706CD

■ 5300CD

■ 631BCD

■ 6F2FCD

■ 7B44CD

■ 8858CD

■ 946DCD

■ A081CD

■ AC96CD

■ B8AACD

■ C4BFCD

Harmonies

Analogous

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



0050F5



5706CD



B60084

Triad

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



5706CD



842B00



006264

Complementary

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



5706CD



7CCD06

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.



006000



5706CD



3F4F00

Square

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



5706CD



B50000



005B00



0065B6

Rectangle

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



5706CD



C9004D



005B00



006147

Sweetspot

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



5706CD



D3B5FF



067DCD



655380



000000



808080

Same Dimension

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



5706CD



6800FF



B906CD



605C66



4300A6



100026

Inverse Universe

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



CD067C



FF0097



1ACD06



665C62



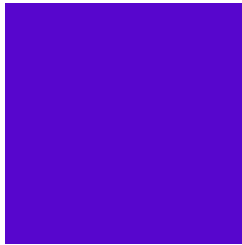
A60062



260017

Previews

White Background



This preview shows how the Hex color 5706CD looks on a white background.

Color Contrast Check

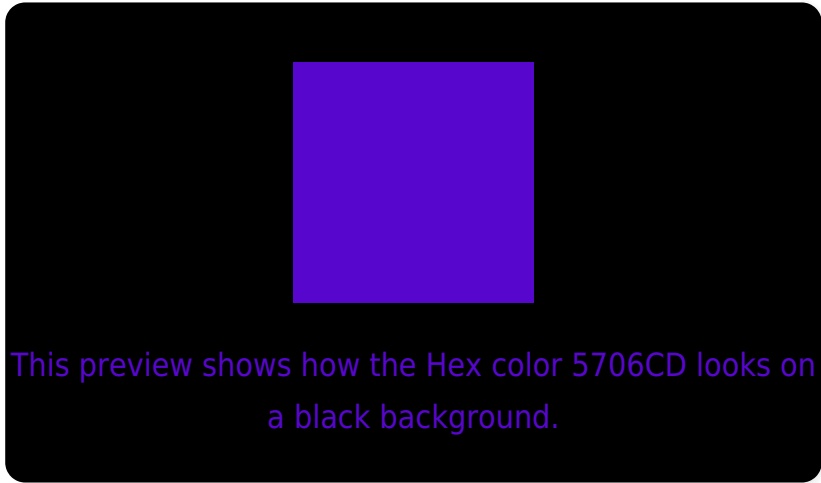
Large Text (above 18pt) WCAG AA ✓ Pass

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

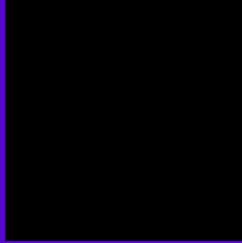
Any Text WCAG AA × Fail

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 5706CD Background



This preview shows how black text looks on a background with the Hex color 5706CD.



This preview shows how white text looks on a background with the Hex color 5706CD.

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
5706CD

Protanopia
004796

Deuteranopia
004C80



Tritanopia
285056

Trichromacy



Original Color
5706CD

Protanomaly
202FAA

Deuteranomaly
20339C

Tritanomaly
393581

Monochromacy



Original Color
5706CD

Achromatopsia
353535

Achromatomaly
41246C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5706CD 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 #5706CD looks like.

```
.text, #text, p{  
    color:#5706CD  
}
```

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 #5706CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5706CD
}
```

Border

The CSS property to change the border of an element to Hex 5706CD 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".

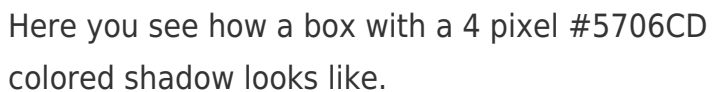
```
.border, #border, table{ border:4px solid
#5706CD }
```

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

```
.border{ border-color:#5706CD }
```

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

Here you see how a box with a 4 pixel #5706CD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5706CD; -webkit-box-shadow:4px 4px  
4px 4px #5706CD; box-shadow:4px 4px 4px  
4px #5706CD }
```

Background

The CSS property to change the background color of an element to Hex 5706CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5706CD }
```

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

```
.background{ background-color:#5706CD }
```

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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