

Converting Colors

Hex(3700C0)

Have a look what the booklet for
Hex(3700C0) contains.

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Color

Hex(3700C0)

Conversions

Conversions Part 1

Format	Color
Hex	3700C0
RGB	55, 0, 192
RGB Percent	22%, 0%, 75%
CMY	0.7843, 1.0000, 0.2471
CMYK	0.71, 1.00, 0.00, 0.25
HSL	257°, 100%, 38%
HSV	257°, 100%, 75%
XYZ	11.0900, 4.6180, 50.1760
YIQ	38.3330, -28.8520, 71.3720

Conversions

Conversions Part 2

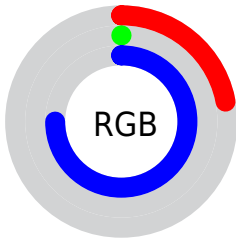
Format	Color
RYB	55, 0, 192
Decimal	3604672
CIELab	25.62, 64.94, -82.73
CIELCh	26, 105.170, 308.131
Yxy	4.6180, 0.1683, 0.0701
Android (android.graphics.Color)	4281794752 (0xFF3700C0)
YUV	38.3330, 75.7578, 14.6170
Hunter-Lab	21.4895, 54.5108, -123.3939

Details

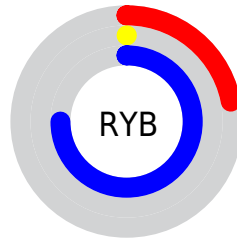
The Hex color **3700C0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **89C000**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7C41FA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **3700C0**, and if you desaturate by 10%, it is **4513C0**.

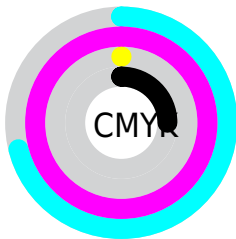
Distribution



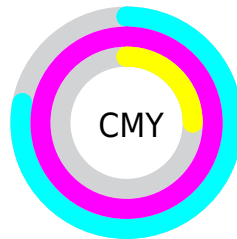
- Red (22%)
- Green (0%)
- Blue (75%)



- 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 3700C0 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 3700C0 by changing the saturation by 10% instead.

 3700C0

 3700C0

FFFFFF

 0000A4

 7C41FA

 000089

 9B5CFF

 00006E

 BA77FF

 000955

 D992FF

 00063C

 F8AEFF

 000226

 FFCAFF

 00010F

 FFE7FF

 000000

 3700C0

■ 4513C0

■ 5226C0

■ 603AC0

■ 6E4DC0

■ 7B60C0

■ 8973C0

■ 9786C0

■ A59AC0

■ B2ADC0

Harmonies

Analogous

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



0047E4



3700C0



A2007A

Triad

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



3700C0



781900



005452

Complementary

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



3700C0



89C000

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.



005200



3700C0



374200

Square

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



3700C0



A40000



004E00



0057A1

Rectangle

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



3700C0



B60046



004E00



005336

Sweetspot

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



3700C0



C4AFFA



008AC0



5D507D



FCFCFC



7D7D7D

Same Dimension

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



3700C0



4800FA



9600C0



5A5761



2E00A1



090021

Inverse Universe

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



C00089



FA00B2



2AC000



61575E



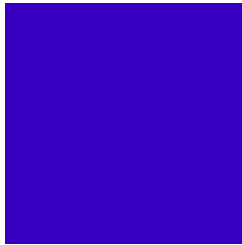
A10073



210018

Previews

White Background



This preview shows how the Hex color 3700C0 looks on a white background.

Color Contrast Check

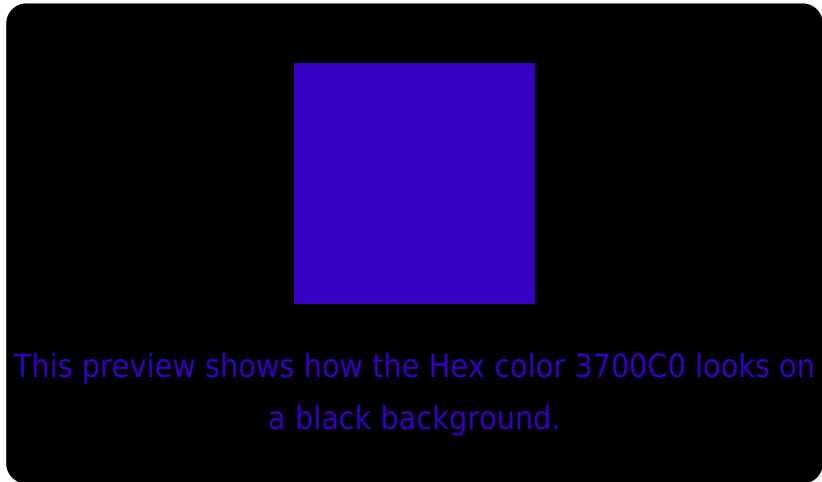
Large Text (above 18pt) WCAG AA ✓ Pass

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

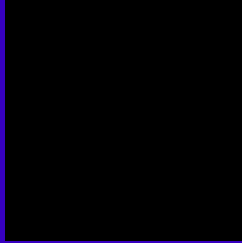
Any Text WCAG AA × Fail

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 3700C0 Background



This preview shows how black text looks on a background with the Hex color 3700C0.



This preview shows how white text looks on a background with the Hex color 3700C0.

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
3700C0

Protanopia
003D80

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
3700C0

Protanomaly
142797

Deuteranomaly
14298B

Tritanomaly
142D75

Monochromacy



Original Color
3700C0

Achromatopsia
262626

Achromatomaly
2C185E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3700C0 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 #3700C0 looks like.

```
.text, #text, p{  
    color:#3700C0  
}
```

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 #3700C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3700C0
}
```

Border

The CSS property to change the border of an element to Hex 3700C0 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".

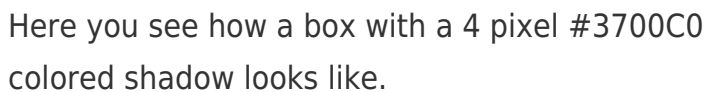
```
.border, #border, table{ border:4px solid
#3700C0 }
```

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

```
.border{ border-color:#3700C0 }
```

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

Here you see how a box with a 4 pixel #3700C0 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3700C0; -webkit-box-shadow:4px 4px  
4px 4px #3700C0; box-shadow:4px 4px 4px  
4px #3700C0 }
```

Background

The CSS property to change the background color of an element to Hex 3700C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3700C0 }
```

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

```
.background{ background-color:#3700C0 }
```

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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