

Converting Colors

Hex(3700A6)

Have a look what the booklet for
Hex(3700A6) contains.

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Color

Hex(3700A6)

Conversions

Conversions Part 1

Format	Color
Hex	3700A6
RGB	55, 0, 166
RGB Percent	22%, 0%, 65%
CMY	0.7843, 1.0000, 0.3490
CMYK	0.67, 1.00, 0.00, 0.35
HSL	260°, 100%, 33%
HSV	260°, 100%, 65%
XYZ	8.4585, 3.5654, 36.3188
YIQ	35.3690, -20.5060, 63.2860

Conversions

Conversions Part 2

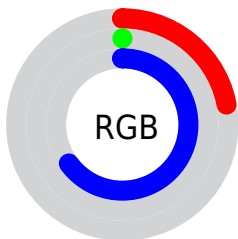
Format	Color
RYB	55, 0, 166
Decimal	3604646
CIELab	22.18, 58.67, -72.88
CIELCh	22, 93.556, 308.834
Yxy	3.5654, 0.1750, 0.0738
Android (android.graphics.Color)	4281794726 (0xFF3700A6)
YUV	35.3690, 64.4011, 17.2164
Hunter-Lab	18.8823, 46.9167, -100.8228

Details

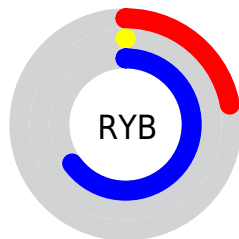
The Hex color **3700A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6FA600**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **773EDE**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **3700A6**, and if you desaturate by 10%, it is **4211A6**.

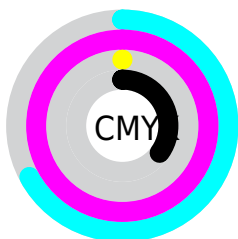
Distribution



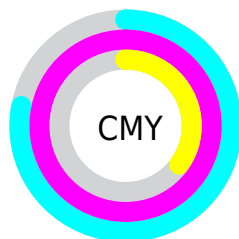
- Red (22%)
- Green (0%)
- Blue (65%)



- Red (22%)
- Yellow (0%)
- Blue (65%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (78%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3700A6 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 3700A6 by changing the saturation by 10% instead.

■ 3700A6

■ 3700A6

FFFEFF

■ 01008B

■ 773EDE

■ 000070

■ 9558FC

■ 000057

■ B272FF

■ 00063E

■ D08DFF

■ 000328

■ EFA8FF

■ 000111

■ FFC4FF

■ 000000

■ FFE1FF

■ 3700A6

■ 4211A6

■ 4D21A6

■ 5832A6

■ 6342A6

■ 6E53A6

■ 7A64A6

■ 8574A6

■ 9085A6

■ 9B95A6

Harmonies

Analogous

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



003DC6



3700A6



8E0069

Triad

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



3700A6



681800



004A49

Complementary

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



3700A6



6FA600

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.



004800



3700A6



2F3A00

Square

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



3700A6



8F0000



004400



004C8E

Rectangle

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



3700A6



9F003C



004400



004A31

Sweetspot

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



3700A6



AD98D9



0071A6



53466E



EDEDED



6E6E6E

Same Dimension

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



3700A6



4800D9



8800A6



4F4C54



310094



070014

Inverse Universe

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



A6006F



D90091



1EA600



544C51



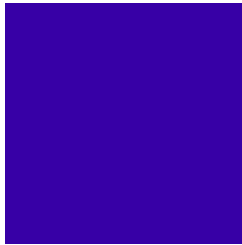
940063



14000E

Previews

White Background



This preview shows how the Hex color 3700A6 looks on a white background.

Color Contrast Check

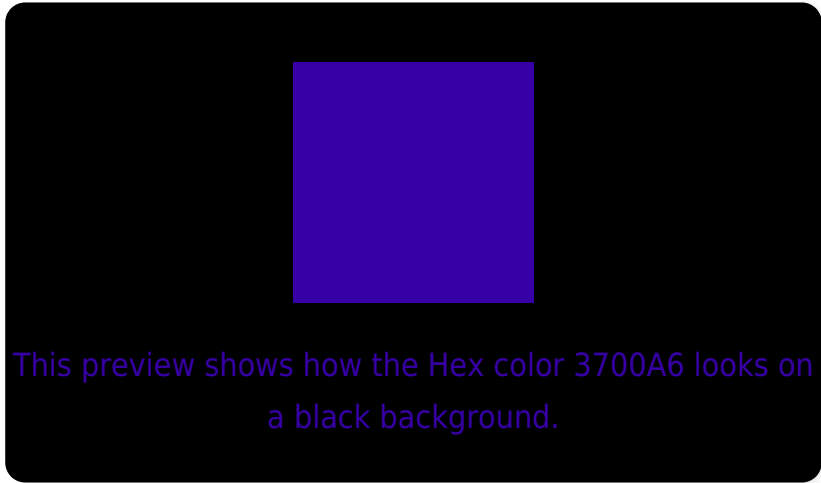
Large Text (above 18pt) WCAG AA ✓ Pass

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

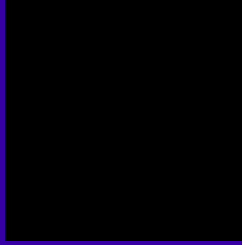
Any Text WCAG AA × Fail

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 3700A6 Background



This preview shows how black text looks on a background with the Hex color 3700A6.



This preview shows how white text looks on a background with the Hex color 3700A6.

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](#).

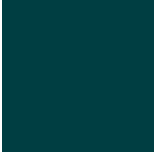
Dichromacy



Original Color
3700A6

Protanopia
003671

Deuteranopia
003A60



Tritanopia
003E42

Trichromacy



Original Color
3700A6

Protanomaly
142284

Deuteranomaly
142579

Tritanomaly
142766

Monochromacy



Original Color
3700A6

Achromatopsia
232323

Achromatomaly
2A1653

CSS Examples

Text

The CSS property to change the color of the text to Hex 3700A6 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 #3700A6 looks like.

```
.text, #text, p{  
    color:#3700A6  
}
```

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 #3700A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3700A6
}
```

Border

The CSS property to change the border of an element to Hex 3700A6 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".

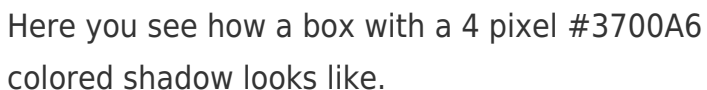
```
.border, #border, table{ border:4px solid
#3700A6 }
```

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

```
.border{ border-color:#3700A6 }
```

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

Here you see how a box with a 4 pixel #3700A6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #3700A6 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3700A6; -webkit-box-shadow:4px 4px  
4px 4px #3700A6; box-shadow:4px 4px 4px  
4px #3700A6 }
```

Background

The CSS property to change the background color of an element to Hex 3700A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3700A6 }
```

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

```
.background{ background-color:#3700A6 }
```

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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