

Converting Colors

Hex(3703A3)

Have a look what the booklet for
Hex(3703A3) contains.

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Color

Hex(3703A3)

Conversions

Conversions Part 1

Format	Color
Hex	3703A3
RGB	55, 3, 163
RGB Percent	22%, 1%, 64%
CMY	0.7843, 0.9882, 0.3608
CMYK	0.66, 0.98, 0.00, 0.36
HSL	260°, 96%, 33%
HSV	260°, 98%, 64%
XYZ	8.2190, 3.5217, 34.8969
YIQ	36.7880, -20.3680, 60.7840

Conversions

Conversions Part 2

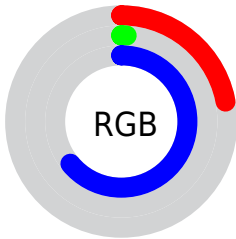
Format	Color
RYB	55, 3, 163
Decimal	3605411
CIELab	22.02, 57.21, -71.31
CIELCh	22, 91.427, 308.740
Yxy	3.5217, 0.1762, 0.0755
Android (android.graphics.Color)	4281795491 (0xFF3703A3)
YUV	36.7880, 62.2225, 15.9719
Hunter-Lab	18.7662, 45.3363, -97.1172

Details

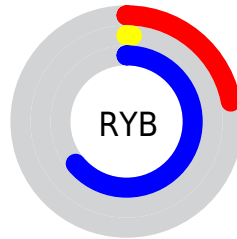
The Hex color **3703A3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6FA303**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **763FDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **3500A3**, and if you desaturate by 10%, it is **4213A3**.

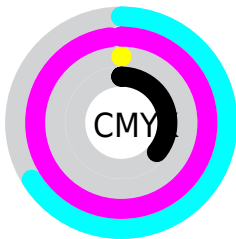
Distribution



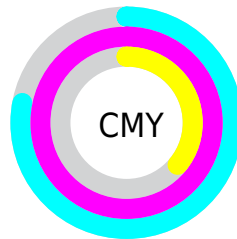
- Red (22%)
- Green (1%)
- Blue (64%)



- Red (22%)
- Yellow (1%)
- Blue (64%)



- Cyan (66%)
- Magenta (98%)
- Yellow (0%)
- Black (36%)



- Cyan (78%)
- Magenta (99%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3703A3 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 3703A3 by changing the saturation by 10% instead.

■ 3703A3

■ 3703A3

FFFFFF

■ 040088

■ 763FDB

■ 00006E

■ 9459F8

■ 000054

■ B173FF

■ 00063C

■ CF8EFF

■ 000225

■ EEA9FF

■ 00010E

■ FFC5FF

■ 000000

■ FFE2FF

■ 3703A3

■ 3703A3

■ 3500A3

■ 4213A3

■ 4D24A3

■ 5834A3

■ 6344A3

■ 6E54A3

■ 7965A3

■ 8475A3

■ 8F85A3

■ 9A96A3

Harmonies

Analogous

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



003DC2



3703A3



8C0068

Triad

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



3703A3



671900



004A48

Complementary

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



3703A3



6FA303

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.



004700



3703A3



303900

Square

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



3703A3



8D0000



004400



004B8B

Rectangle

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



3703A3



9D003B



004400



004930

Sweetspot

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



3703A3



AA96D4



0370A3



52466B



EBEBEB



6B6B6B

Same Dimension

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



3703A3



4500D4



8603A3



4C4952



2F0091



060012

Inverse Universe

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



A3036F



D4008F



20A303



52494F



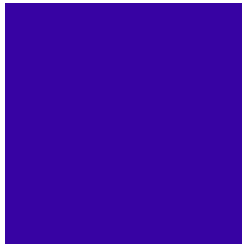
910062



12000C

Previews

White Background



This preview shows how the Hex color 3703A3 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

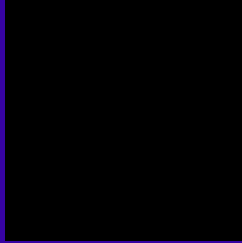
Any Text WCAG AA × Fail

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 3703A3 Background



This preview shows how black text looks on a background with the Hex color 3703A3.



This preview shows how white text looks on a background with the Hex color 3703A3.

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
3703A3

Protanopia
003570

Deuteranopia
00395F



Tritanopia
003D41

Trichromacy



Original Color
3703A3

Protanomaly
142383

Deuteranomaly
142578

Tritanomaly
142865

Monochromacy



Original Color
3703A3

Achromatopsia
252525

Achromatomaly
2C1953

CSS Examples

Text

The CSS property to change the color of the text to Hex 3703A3 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 #3703A3 looks like.

```
.text, #text, p{  
    color:#3703A3  
}
```

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 #3703A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3703A3
}
```

Border

The CSS property to change the border of an element to Hex 3703A3 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".

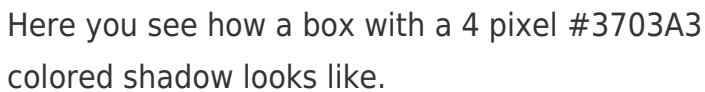
```
.border, #border, table{ border:4px solid
#3703A3 }
```

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

```
.border{ border-color:#3703A3 }
```

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

Here you see how a box with a 4 pixel #3703A3 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 #3703A3 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3703A3; -webkit-box-shadow:4px 4px  
4px 4px #3703A3; box-shadow:4px 4px 4px  
4px #3703A3 }
```

Background

The CSS property to change the background color of an element to Hex 3703A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3703A3 }
```

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

```
.background{ background-color:#3703A3 }
```

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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