

Converting Colors

Hex(3704B9)

Have a look what the booklet for
Hex(3704B9) contains.

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Color

Hex(3704B9)

Conversions

Conversions Part 1

Format	Color
Hex	3704B9
RGB	55, 4, 185
RGB Percent	22%, 2%, 73%
CMY	0.7843, 0.9843, 0.2745
CMYK	0.70, 0.98, 0.00, 0.27
HSL	257°, 96%, 37%
HSV	257°, 98%, 73%
XYZ	10.3759, 4.4018, 46.2017
YIQ	39.8830, -27.7050, 67.1030

Conversions

Conversions Part 2

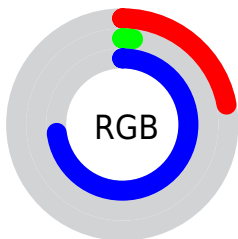
Format	Color
RYB	55, 4, 185
Decimal	3605689
CIELab	24.96, 62.42, -79.67
CIELCh	25, 101.214, 308.078
Yxy	4.4018, 0.1702, 0.0722
Android (android.graphics.Color)	4281795769 (0xFF3704B9)
YUV	39.8830, 71.5427, 13.2576
Hunter-Lab	20.9806, 51.5610, -115.8773

Details

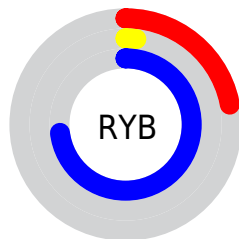
The Hex color **3704B9** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **86B904**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7A42F3**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **3400B9**, and if you desaturate by 10%, it is **4417B9**.

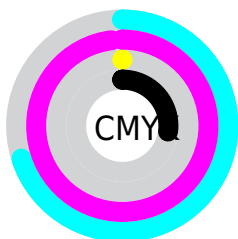
Distribution



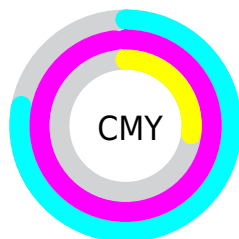
- Red (22%)
- Green (2%)
- Blue (73%)



- Red (22%)
- Yellow (2%)
- Blue (73%)



- Cyan (70%)
- Magenta (98%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (98%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3704B9 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 3704B9 by changing the saturation by 10% instead.

 3704B9

 3704B9


FFFFFF

 00009D

 7A42F3

 000082

 995CFF

 000068

 B877FF

 000A4F


 D692FF

 000537

 F5AEFF

 000220

 FFCAFF

 000005

 FFE7FF

 000000

 3704B9

 3704B9

■ 3400B9

■ 4417B9

■ 5229B9

■ 5F3CB9

■ 6C4EB9

■ 7961B9

■ 8773B9

■ 9486B9

■ A198B9

■ AFABB9

Harmonies

Analogous

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



0045DB



3704B9



9C0076

Triad

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



3704B9



741A00



00524F

Complementary

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



3704B9



86B904

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.



005000



3704B9



374000

Square

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



3704B9



9F0000



004C00



00549C

Rectangle

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



3704B9



B00044



004C00



005134

Sweetspot

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



3704B9



BEAAF0



0489B9



5A4E78



F7F7F7



787878

Same Dimension

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



3704B9



4400F0



8F04B9



55535C



2C009C



08001C

Inverse Universe

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



B90486



F000AC



2EB904



5C5359



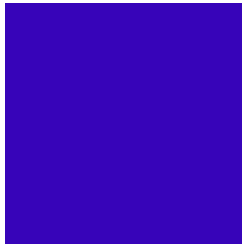
9C0070



1C0014

Previews

White Background



This preview shows how the Hex color 3704B9 looks on a white background.

Color Contrast Check

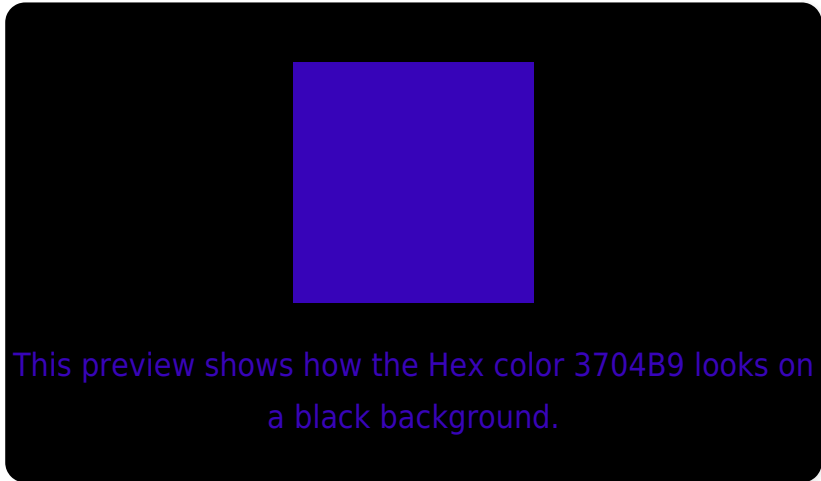
Large Text (above 18pt) WCAG AA ✓ Pass

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

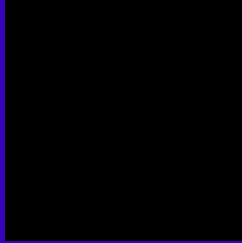
Any Text WCAG AA × Fail

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 3704B9 Background



This preview shows how black text looks on a background with the Hex color 3704B9.



This preview shows how white text looks on a background with the Hex color 3704B9.

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
3704B9

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
3704B9

Protanomaly
142792

Deuteranomaly
142A86

Monochromacy



Original Color
3704B9

Achromatopsia
282828

Achromatomaly
2D1B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3704B9 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 #3704B9 looks like.

```
.text, #text, p{  
    color:#3704B9  
}
```

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 #3704B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3704B9
}
```

Border

The CSS property to change the border of an element to Hex 3704B9 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".

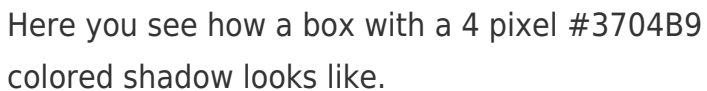
```
.border, #border, table{ border:4px solid
#3704B9 }
```

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

```
.border{ border-color:#3704B9 }
```

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

Here you see how a box with a 4 pixel #3704B9 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the visual result of the CSS code provided.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3704B9; -webkit-box-shadow:4px 4px  
4px 4px #3704B9; box-shadow:4px 4px 4px  
4px #3704B9 }
```

Background

The CSS property to change the background color of an element to Hex 3704B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3704B9 }
```

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

```
.background{ background-color:#3704B9 }
```

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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