

Converting Colors

Hex(370C94)

Have a look what the booklet for
Hex(370C94) contains.

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Color

Hex(370C94)

Conversions

Conversions Part 1

Format	Color
Hex	370C94
RGB	55, 12, 148
RGB Percent	22%, 5%, 58%
CMY	0.7843, 0.9529, 0.4196
CMYK	0.63, 0.92, 0.00, 0.42
HSL	259°, 85%, 31%
HSV	259°, 92%, 58%
XYZ	7.0523, 3.2133, 28.2655
YIQ	40.3610, -18.0280, 51.4120

Conversions

Conversions Part 2

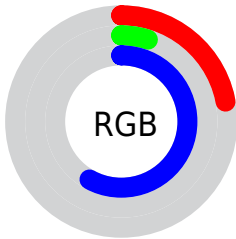
Format	Color
RYB	55, 12, 148
Decimal	3607700
CIELab	20.88, 51.14, -64.00
CIELCh	21, 81.925, 308.630
Yxy	3.2133, 0.1830, 0.0834
Android (android.graphics.Color)	4281797780 (0xFF370C94)
YUV	40.3610, 53.0660, 12.8384
Hunter-Lab	17.9256, 38.8557, -80.9417




Details

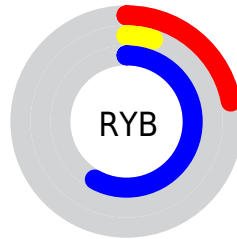
The Hex color **370C94** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **69940C**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **7341CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **2F0094**, and if you desaturate by 10%, it is **411B94**.

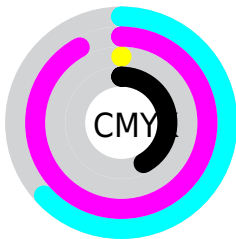
Distribution







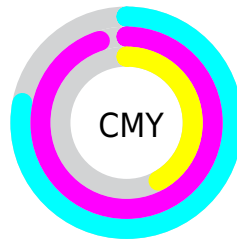
-  Red (22%)
-  Green (5%)
-  Blue (58%)






-  Red (22%)
-  Yellow (5%)
-  Blue (58%)



-  Cyan (63%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (78%)
-  Magenta (95%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 370C94 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 370C94 by changing the saturation by 10% instead.



370C94



370C94

FFFFFF



0E0079



7341CB



000060



905BE8



000047



AD75FF



00042F



CA8FFF



00011A



E8AAFF



000000



FFC6FF



FFE3FF



370C94



370C94

■ 2F0094

■ 411B94

■ 4B2A94

■ 553894

■ 5F4794

■ 6A5694

■ 746594

■ 7E7494

■ 888294

■ 929194

Harmonies

Analogous

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



0039AF



370C94



800060

Triad

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



370C94



601B00



004643

Complementary

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



370C94



69940C

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.



004400



370C94



2F3600

Square

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



370C94



820000



004000



00477F

Rectangle

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



370C94



8F0038



004000



00452E

Sweetspot

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



370C94



9B8ABF



0C6B94



4A4061



E0E0E0



616161

Same Dimension

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



370C94



3C00BF



790C94



45434A



2C008A



03000A

Inverse Universe

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



940C69



BF0083



27940C



4A4348



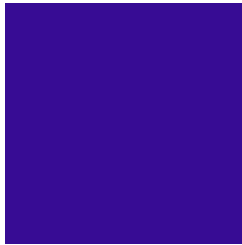
8A005E



0A0007

Previews

White Background



This preview shows how the Hex color 370C94 looks on a white background.

Color Contrast Check

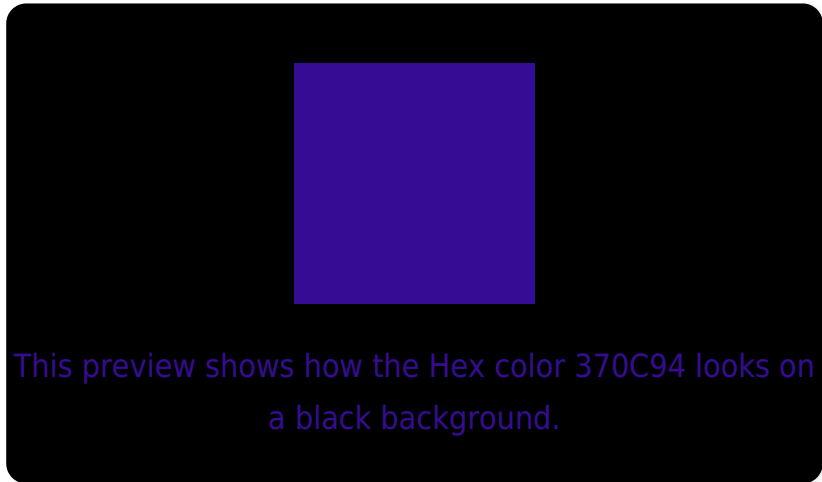
Large Text (above 18pt) WCAG AA ✓ Pass

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

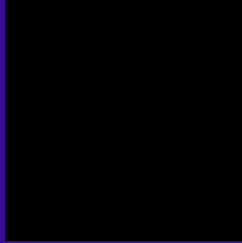
Any Text WCAG AA × Fail

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 370C94 Background



This preview shows how black text looks on a background with the Hex color 370C94.



This preview shows how white text looks on a background with the Hex color 370C94.

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
370C94

Protanopia
003269

Deuteranopia
00365A



Tritanopia
003A3E

Trichromacy



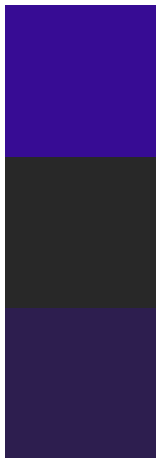
Original Color
370C94

Protanomaly
142479

Deuteranomaly
14276F

Tritanomaly
14295D

Monochromacy



Original Color
370C94

Achromatopsia
282828

Achromatomaly
2D1E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 370C94 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 #370C94 looks like.

```
.text, #text, p{  
    color:#370C94  
}
```

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 #370C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370C94
}
```

Border

The CSS property to change the border of an element to Hex 370C94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

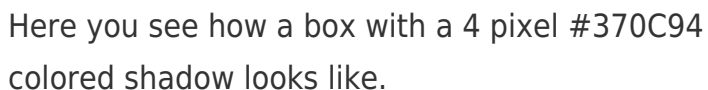
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#370C94 }
```

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

```
.border{ border-color:#370C94 }
```

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



Here you see how a box with a 4 pixel #370C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370C94; -webkit-box-shadow:4px 4px  
4px 4px #370C94; box-shadow:4px 4px 4px  
4px #370C94 }
```

Background

The CSS property to change the background color of an element to Hex 370C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370C94 }
```

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

```
.background{ background-color:#370C94 }
```

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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