

Converting Colors

Hex(370DE0)

Have a look what the booklet for
Hex(370DE0) contains.

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Color

Hex(370DE0)

Conversions

Conversions Part 1

Format	Color
Hex	370DE0
RGB	55, 13, 224
RGB Percent	22%, 5%, 88%
CMY	0.7843, 0.9490, 0.1216
CMYK	0.75, 0.94, 0.00, 0.12
HSL	252°, 89%, 46%
HSV	252°, 94%, 88%
XYZ	15.1740, 6.4819, 70.9724
YIQ	49.6120, -42.6990, 74.5250

Conversions

Conversions Part 2

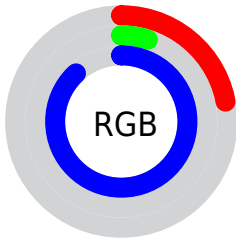
Format	Color
RYB	55, 13, 224
Decimal	3608032
CIELab	30.60, 70.39, -93.07
CIElCh	31, 116.693, 307.102
Yxy	6.4819, 0.1638, 0.0700
Android (android.graphics.Color)	4281798112 (0xFF370DE0)
YUV	49.6120, 85.9733, 4.7253
Hunter-Lab	25.4596, 61.8326, -147.4582

Details

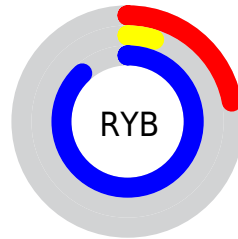
The Hex color **370DE0** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B6E00D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **824AFF**, and **0000A7** is the 20% darker color. If you saturate the color by 10%, you get **2D00E0**, and if you desaturate by 10%, it is **4923E0**.

Distribution



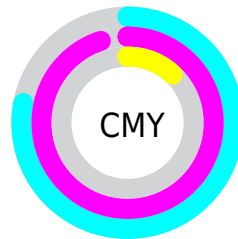
- Red (22%)
- Green (5%)
- Blue (88%)



- Red (22%)
- Yellow (5%)
- Blue (88%)



- Cyan (75%)
- Magenta (94%)
- Yellow (0%)
- Black (12%)



- Cyan (78%)
- Magenta (95%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 370DE0 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 370DE0 by changing the saturation by 10% instead.

 370DE0

 370DE0

FFFFFF

 0000C3

 824AFF

 0000A7

 A365FF

 00008C

 C380FF

 000071

 E39CFF

 000C57

 FF88FF

 00063F

 FFD5FF

 000328

 FFF2FF

 000112

 000000

■ 370DE0

■ 370DE0

■ 2D00E0

■ 4923E0

■ 5B3AE0

■ 6D50E0

■ 7F67E0

■ 917DE0

■ A393E0

■ B5AAE0

■ C7C0E0

■ D8D7E0

Harmonies

Analogous

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



0055FF



370DE0



B90091

Triad

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



370DE0



8D1C00



00625D

Complementary

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



370DE0



B6E00D

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.



006000



370DE0



454D00

Square

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



370DE0



C00000



005B00



0066B8

Rectangle

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



370DE0



D20056



005B00



00613D

Sweetspot

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



370DE0



C6B8FF



0DB9E0



5D5480



000000



808080

Same Dimension

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



370DE0



3300FF



9D0DE0



676570



2300B0



0A0030

Inverse Universe

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



E00DB6



FF00CC



50E00D



70656E



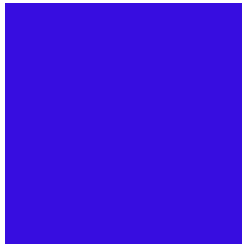
B0008D



300027

Previews

White Background



This preview shows how the Hex color 370DE0 looks on a white background.

Color Contrast Check

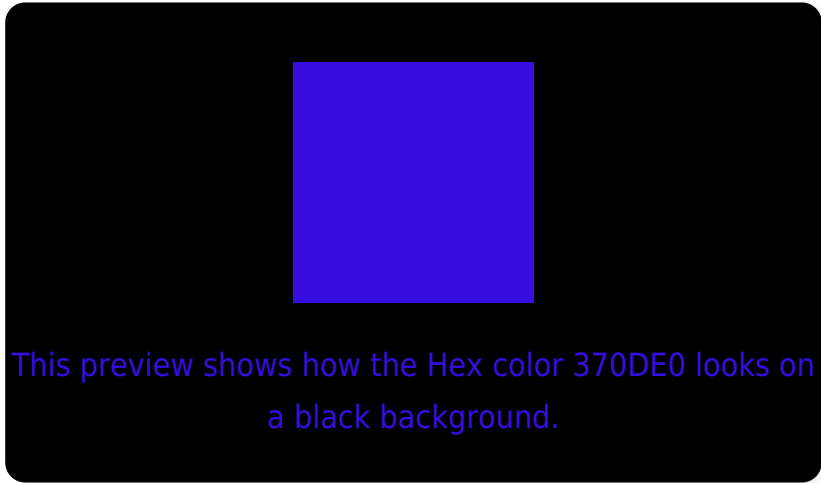
Large Text (above 18pt) WCAG AA ✓ Pass

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

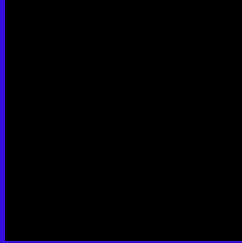
Any Text WCAG AA × Fail

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 370DE0 Background



This preview shows how black text looks on a background with the Hex color 370DE0.



This preview shows how white text looks on a background with the Hex color 370DE0.

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



Trichromacy



Original Color
370DE0

Protanomaly
1431AF

Deuteranomaly
1434A1

Tritanomaly
143888

Monochromacy



Original Color
370DE0

Achromatopsia
323232

Achromatomaly
342571

CSS Examples

Text

The CSS property to change the color of the text to Hex 370DE0 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 #370DE0 looks like.

```
.text, #text, p{  
    color:#370DE0  
}
```

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 #370DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370DE0
}
```

Border

The CSS property to change the border of an element to Hex 370DE0 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
#370DE0 }
```

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

```
.border{ border-color:#370DE0 }
```

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

Here you see how a box with a 4 pixel #370DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370DE0; -webkit-box-shadow:4px 4px  
4px 4px #370DE0; box-shadow:4px 4px 4px  
4px #370DE0 }
```

Background

The CSS property to change the background color of an element to Hex 370DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370DE0 }
```

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

```
.background{ background-color:#370DE0 }
```

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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