

Converting Colors

Hex(372CBF)

Have a look what the booklet for
Hex(372CBF) contains.

Hex(372CBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(372CBF)

Conversions

Conversions Part 1

Format	Color
Hex	372CBF
RGB	55, 44, 191
RGB Percent	22%, 17%, 75%
CMY	0.7843, 0.8275, 0.2510
CMYK	0.71, 0.77, 0.00, 0.25
HSL	244°, 63%, 46%
HSV	244°, 77%, 75%
XYZ	11.8802, 6.3752, 49.8946
YIQ	64.0470, -40.6310, 48.0490

Conversions

Conversions Part 2

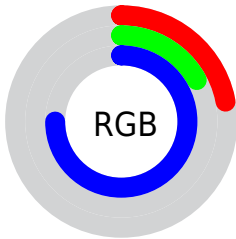
Format	Color
RYB	55, 44, 191
Decimal	3615935
CIELab	30.34, 50.25, -74.30
CIELCh	30, 89.695, 304.075
Yxy	6.3752, 0.1743, 0.0935
Android (android.graphics.Color)	4281806015 (0xFF372CBF)
YUV	64.0470, 62.5878, -7.9342
Hunter-Lab	25.2491, 39.8018, -99.4882

Details

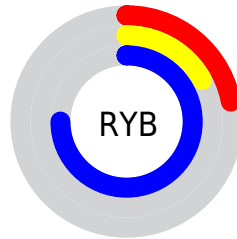
The Hex color **372CBF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B4BF2C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7A5DF9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **2519BF**, and if you desaturate by 10%, it is **493FBF**.

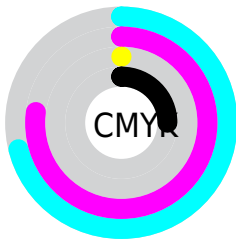
Distribution



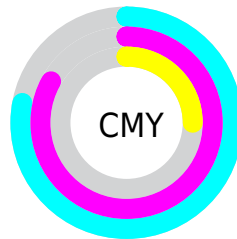
- Red (22%)
- Green (17%)
- Blue (75%)



- Red (22%)
- Yellow (17%)
- Blue (75%)



- Cyan (71%)
- Magenta (77%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (83%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 372CBF 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 372CBF by changing the saturation by 10% instead.



372CBF



372CBF

FFFFFF



0014A3



7A5DF9



000088



9876FF



00006E



B690FF



000554



D5ABFF



00063C



F3C7FF



000225



FFE4FF



00010E



000000



372CBF



372CBF

■ 2519BF

■ 493FBF

■ 1406BF

■ 5A52BF

■ 0E00BF

■ 6C65BF

■ 7E78BF

■ 8F8CBF

■ A19FBF

■ B3B2BF

■ C4C5BF

■ D6D8BF

Harmonies

Analogous

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



0051D8



372CBF



9C0086

Triad

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



372CBF



862600



005F50

Complementary

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



372CBF



B4BF2C

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.



005C00



372CBF



504900

Square

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



372CBF



AB0000



005700



006096

Rectangle

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



372CBF



B30059



005700



005E37

Sweetspot

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



372CBF



C3BEF7



2CB5BF



5D5A7D



FCFCFC



7D7D7D

Same Dimension

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



372CBF



2514F7



7F2CBF



56555E



0C009E



02001F

Inverse Universe

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



BF2CB4



F714E6



6CBF2C



5E555E



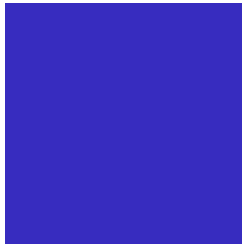
9E0092



1F001C

Previews

White Background



This preview shows how the Hex color 372CBF looks on a white background.

Color Contrast Check

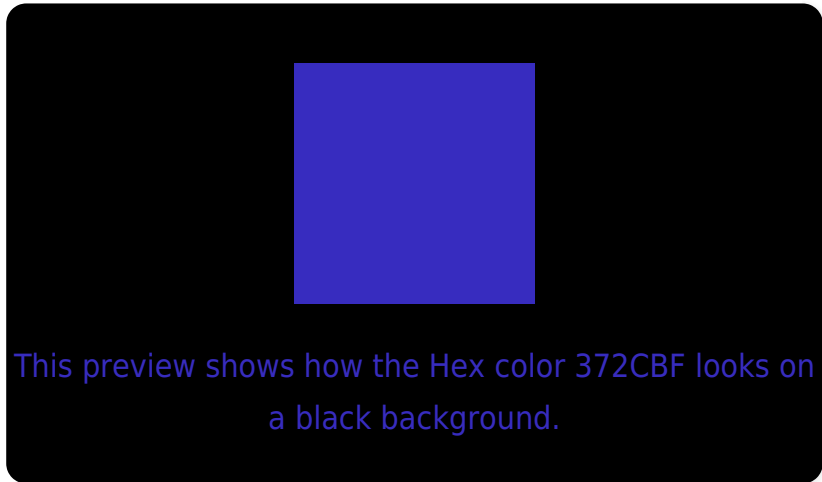
Large Text (above 18pt) WCAG AA ✓ Pass

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

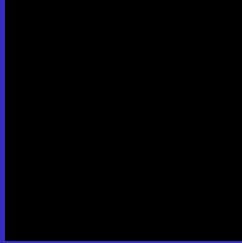
Any Text WCAG AA × Fail

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 372CBF Background



This preview shows how black text looks on a background with the Hex color 372CBF.



This preview shows how white text looks on a background with the Hex color 372CBF.

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](#).

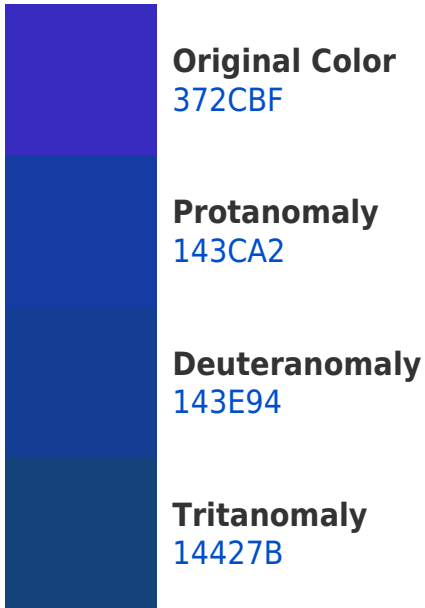
Dichromacy





Tritanopia
004F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 372CBF 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 #372CBF looks like.

```
.text, #text, p{  
    color:#372CBF  
}
```

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 #372CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372CBF
}
```

Border

The CSS property to change the border of an element to Hex 372CBF 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
#372CBF }
```

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

```
.border{ border-color:#372CBF }
```

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

Here you see how a box with a 4 pixel #372CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372CBF; -webkit-box-shadow:4px 4px  
4px 4px #372CBF; box-shadow:4px 4px 4px  
4px #372CBF }
```

Background

The CSS property to change the background color of an element to Hex 372CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372CBF }
```

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

```
.background{ background-color:#372CBF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor