

# Converting Colors

Hex(372E98)

Have a look what the booklet for  
Hex(372E98) contains.

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# Color

**Hex(372E98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	372E98
RGB	55, 46, 152
RGB Percent	22%, 18%, 60%
CMY	0.7843, 0.8196, 0.4039
CMYK	0.64, 0.70, 0.00, 0.40
HSL	245°, 54%, 39%
HSV	245°, 70%, 60%
XYZ	8.2200, 5.0332, 30.2440
YIQ	60.7750, -28.6620, 34.8740

# Conversions

## Conversions Part 2

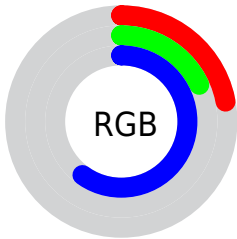
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 46, 152
Decimal	3616408
CIE <sub>Lab</sub>	26.83, 36.50, -56.65
CIE <sub>LCh</sub>	27, 67.393, 302.797
Yxy	5.0332, 0.1890, 0.1157
Android (android.graphics.Color)	4281806488 (0xFF372E98)
<b>YUV</b>	60.7750, 44.9739, -5.0647
Hunter-Lab	22.4348, 26.1408, -64.2235

# Details

The Hex color **372E98** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F982E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **715DCF**, and **000464** is the 20% darker color. If you saturate the color by 10%, you get **291F98**, and if you desaturate by 10%, it is **453D98**.

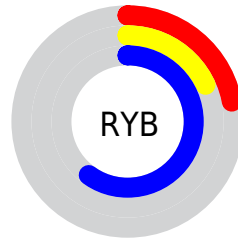
# Distribution



 Red (22%)

 Green (18%)

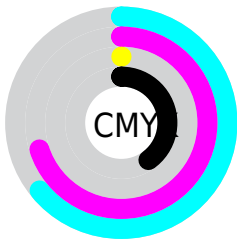
 Blue (60%)




 Red (22%)

 Yellow (18%)

 Blue (60%)

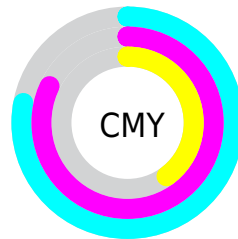


 Cyan (64%)

 Magenta (70%)

 Yellow (0%)

 Black (40%)



 Cyan (78%)

 Magenta (82%)

 Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 372E98 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 372E98 by changing the saturation by 10% instead.



■ 372E98

■ 372E98

FFFFFF

■ 11187D

■ 715DCF

■ 000464

■ 8E76EC

■ 00004B

■ AA90FF

■ 000433

■ C7ABFF

■ 00021D

■ E5C6FF

■ 000000

■ FFE2FF

■ 372E98

■ 372E98

■ 291F98

■ 453D98

■ 1B1098

■ 534C98

■ 0D0098

■ 615C98

■ 6F6B98

■ 7D7A98

■ 8A8998

■ 989898

■ A6A898

■ B4B798

# Harmonies

## Analogous

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



0046A9



372E98



7D0070

# Triad

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



372E98



722800



005243

# Complementary

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



372E98



8F982E

# 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.



005007



372E98



4B4000

# Square

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



372E98



8D000A



094B00



005377

# Rectangle

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



372E98



8F004E



094B00



005231



# Sweetspot

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



372E98



9F9BC4



2E8F98



4D4B63



E3E3E3



636363



# Same Dimension

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



372E98



2D1FC4



6C2E98



45454D



0C008C



01000D



# Inverse Universe

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



982E8F



C41FB6



5A982E



4D454C



8C0080

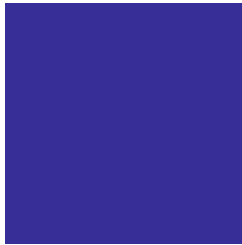


0D000C



# Previews

## White Background



This preview shows how the Hex color 372E98 looks on a white background.

## Color Contrast Check

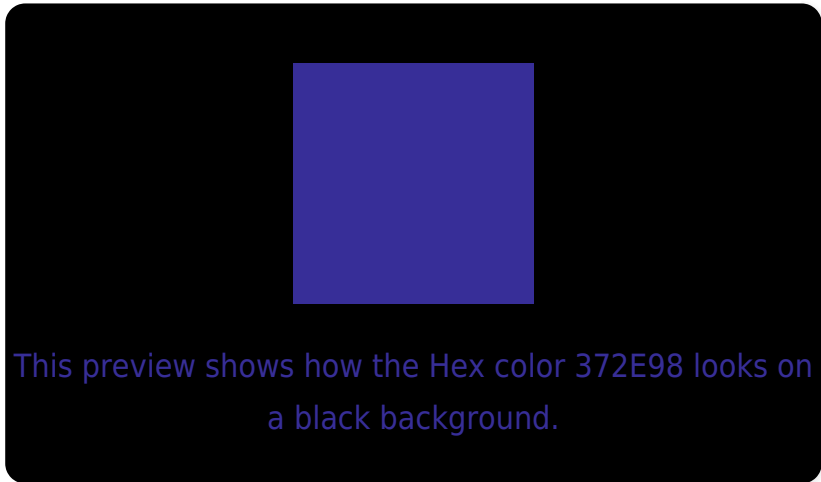
Large Text (above 18pt) WCAG AA ✓ Pass

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 372E98 Background



This preview shows how black text looks on a background with the Hex color 372E98.

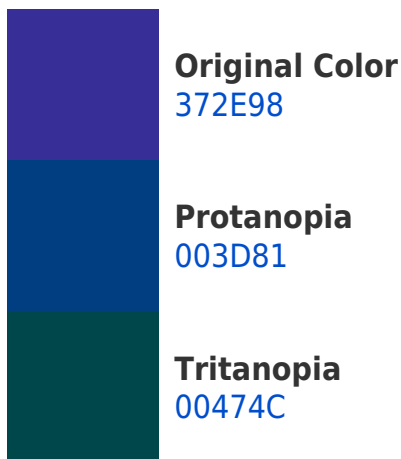


This preview shows how white text looks on a background with the Hex color 372E98.

# 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**  
372E98

**Protanomaly**  
143889

**Tritanomaly**  
143E68

# Monochromacy



**Original Color**  
372E98

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3B385E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 372E98 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 #372E98 looks like.

```
.text, #text, p{  
    color:#372E98  
}
```

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 #372E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372E98
}
```

## Border

The CSS property to change the border of an element to Hex 372E98 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".

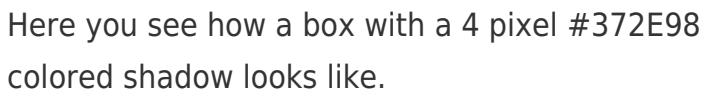
```
.border, #border, table{ border:4px solid
#372E98 }
```

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

```
.border{ border-color:#372E98 }
```

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

Here you see how a box with a 4 pixel #372E98 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372E98; -webkit-box-shadow:4px 4px  
4px 4px #372E98; box-shadow:4px 4px 4px  
4px #372E98 }
```

# Background

The CSS property to change the background color of an element to Hex 372E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372E98 }
```

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

```
.background{ background-color:#372E98 }
```

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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