

# Converting Colors

Hex(372FE9)

Have a look what the booklet for  
Hex(372FE9) contains.

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# Color

**Hex(372FE9)**

# Conversions

Conversions Part 1	
Format	Color
Hex	372FE9
RGB	55, 47, 233
RGB Percent	22%, 18%, 91%
CMY	0.7843, 0.8157, 0.0863
CMYK	0.76, 0.80, 0.00, 0.09
HSL	243°, 81%, 55%
HSV	243°, 80%, 91%
XYZ	17.3000, 8.7284, 77.8637
YIQ	70.5960, -54.9380, 59.5420

# Conversions

## Conversions Part 2

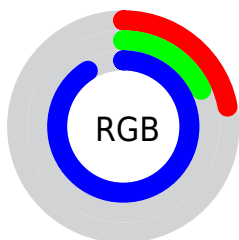
Format	Color
<a href="#">RYB</a>	<a href="#">55, 47, 233</a>
Decimal	<a href="#">3616745</a>
CIELab	<a href="#">35.46, 61.57, -90.13</a>
CIELCh	<a href="#">35, 109.153, 304.336</a>
Yxy	<a href="#">8.7284, 0.1665, 0.0840</a>
Android (android.graphics.Color)	<a href="#">4281806825</a> (0xFF372FE9)
YUV	<a href="#">70.5960, 80.0652, -13.6777</a>
Hunter-Lab	<a href="#">29.5439, 52.8223, -135.5794</a>

# Details

The Hex color **372FE9** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E1E92F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8362FF**, and **0000B0** is the 20% darker color. If you saturate the color by 10%, you get **2118E9**, and if you desaturate by 10%, it is **4D46E9**.

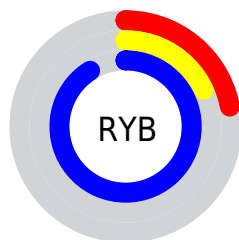
# Distribution



Red (22%)

Green (18%)

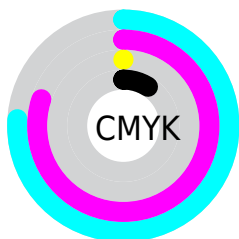
Blue (91%)



Red (22%)

Yellow (18%)

Blue (91%)

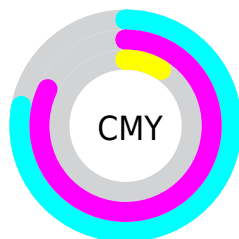


Cyan (76%)

Magenta (80%)

Yellow (0%)

Black (9%)



Cyan (78%)

Magenta (82%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 372FE9 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 372FE9 by changing the saturation by 10% instead.





372FE9



372FE9

FFFFFF



0015CC



8362FF



0000B0



A37CFF



000094



C397FF



000079



E3B2FF



000E5F



FFCEFF



000846



FFE8FF



00042F



000119



000000

 372FE9

 372FE9

 2118E9

 4D46E9

 0A00E9

 645EE9

 7A75E9

 908CE9

 A6A3E9

 BDBBE9

 D3D2E9

 E9E9E9

 FFFFE9

# Harmonies

## Analogous

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



0060FF



372FE9



BC00A1

# Triad

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



372FE9



9F2700



006F5F

# Complementary

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



372FE9



E1E92F

# 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.



006C00



372FE9



5B5600

# Square

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



372FE9



CD0000



006600



0071B7

# Rectangle

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



372FE9



D80068



006600



006E40



# Sweetspot

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



372FE9



C4C2FF



2FE3E9



5C5B80



000000



808080



# Same Dimension

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



372FE9



150AFF



922FE9



6A6A75



0800B5



020036



# Inverse Universe

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



E92FE1



FF0AF4



86E92F



756A75



B500AD

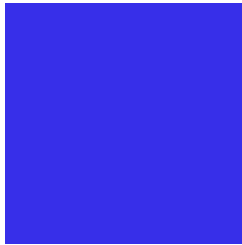


360033



# Previews

## White Background



This preview shows how the Hex color 372FE9 looks on a white background.

## Color Contrast Check

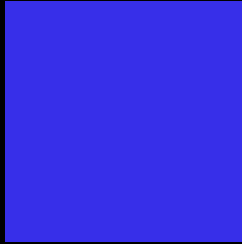
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 372FE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

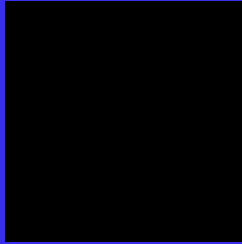
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 372FE9 Background



This preview shows how black text looks on a background with the Hex color 372FE9.



This preview shows how white text looks on a background with the Hex color 372FE9.

# 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**  
372FE9





**Protanopia**  
0050A8

**Deuteranopia**  
00558F






**Tritanopia**  
005C61

# Trichromacy

	<b>Original Color</b> 372FE9
	<b>Protanomaly</b> 1444C0
	<b>Deuteranomaly</b> 1447B0
	<b>Tritanomaly</b> 144C92

# Monochromacy

	<b>Original Color</b> 372FE9
	<b>Achromatopsia</b> 474747
	<b>Achromatomaly</b> 413E82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 372FE9 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 #372FE9 looks like.

```
.text, #text, p{  
    color:#372FE9  
}
```

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 #372FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372FE9
}
```

## Border

The CSS property to change the border of an element to Hex 372FE9 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
#372FE9 }
```

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

```
.border{ border-color:#372FE9 }
```

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

Here you see how a box with a 4 pixel #372FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372FE9; -webkit-box-shadow:4px 4px  
4px 4px #372FE9; box-shadow:4px 4px 4px  
4px #372FE9 }
```

# Background

The CSS property to change the background color of an element to Hex 372FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372FE9 }
```

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

```
.background{ background-color:#372FE9 }
```

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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