

Converting Colors

Hex(372270)

Have a look what the booklet for
Hex(372270) contains.

Hex(372270)	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(372270)

Conversions

Conversions Part 1

Format	Color
Hex	372270
RGB	55, 34, 112
RGB Percent	22%, 13%, 44%
CMY	0.7843, 0.8667, 0.5608
CMYK	0.51, 0.70, 0.00, 0.56
HSL	256°, 53%, 29%
HSV	256°, 70%, 44%
XYZ	5.0722, 3.1261, 15.6653
YIQ	49.1710, -12.5220, 28.7100

Conversions

Conversions Part 2

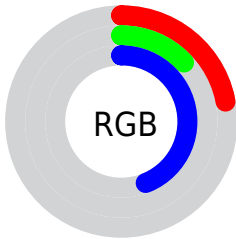
Format	Color
R_{YB}	55, 34, 112
Decimal	3613296
CIE _{Lab}	20.54, 30.74, -41.80
CIE _{LCh}	21, 51.880, 306.330
Yxy	3.1261, 0.2125, 0.1310
Android (android.graphics.Color)	4281803376 (0xFF372270)
YUV	49.1710, 30.9747, 5.1120
Hunter-Lab	17.6809, 20.2657, -40.1545

Details

The Hex color **372270** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5B7022**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6B50A5**, and **05003F** is the 20% darker color. If you saturate the color by 10%, you get **2F1770**, and if you desaturate by 10%, it is **3F2D70**.

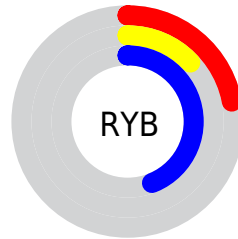
Distribution



Red (22%)

Green (13%)

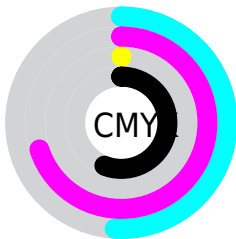
Blue (44%)



Red (22%)

Yellow (13%)

Blue (44%)

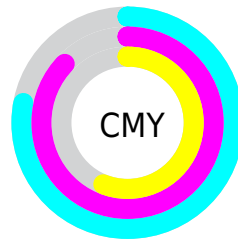


Cyan (51%)

Magenta (70%)

Yellow (0%)

Black (56%)



Cyan (78%)

Magenta (87%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 372270 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 372270 by changing the saturation by 10% instead.

■ 372270

■ 372270

FFFFFF

■ 1C0C57

■ 6B50A5

■ 05003F

■ 8668C0

■ 000328

■ A182DC

■ 000112

■ BD9CF9

■ 000000

■ DAB7FF

■ F7D3FF

■ FFEFFF

■ 372270

■ 372270

■ 2F1770

■ 3F2D70

■ 270C70

■ 473870

■ 1E0070

■ 504470

■ 584F70

■ 605A70

■ 686570

■ 707070

■ 787C70

■ 818770

Harmonies

Analogous

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



00357F



372270



630051

Triad

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



372270



552300



004039

Complementary

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



372270



5B7022

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.



003F10



372270



373300

Square

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



372270



6A0101



073B00



00405E

Rectangle

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



372270



6F0038



073B00



00402C

Sweetspot

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



372270



7B7391



225B70



3C374A



C9C9C9



4A4A4A

Same Dimension

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



372270



381791



5E2270



343238



200078



4300F7

Inverse Universe

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



70225B



911770



347022



383237



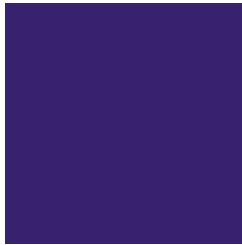
780058



F700B5

Previews

White Background



This preview shows how the Hex color 372270 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

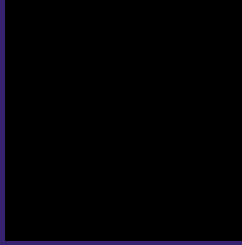
Any Text WCAG AA × Fail

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 372270 Background



This preview shows how black text looks on a background with the Hex color 372270.



This preview shows how white text looks on a background with the Hex color 372270.

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

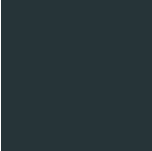
372270

Protanopia

003066

Deuteranopia

003358



Tritanopia
263438

Trichromacy



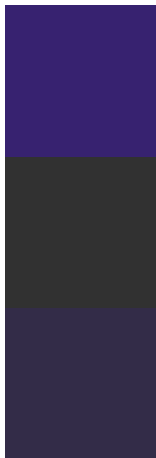
Original Color
372270

Protanomaly
142B6A

Deuteranomaly
142D61

Tritanomaly
2C2D4C

Monochromacy



Original Color
372270

Achromatopsia
313131

Achromatomaly
332C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 372270 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 #372270 looks like.

```
.text, #text, p{  
    color:#372270  
}
```

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 #372270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372270
}
```

Border

The CSS property to change the border of an element to Hex 372270 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
#372270 }
```

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

```
.border{ border-color:#372270 }
```

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

Here you see how a box with a 4 pixel #372270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372270; -webkit-box-shadow:4px 4px  
4px 4px #372270; box-shadow:4px 4px 4px  
4px #372270 }
```

Background

The CSS property to change the background color of an element to Hex 372270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372270 }
```

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

```
.background{ background-color:#372270 }
```

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