

Converting Colors

Hex(372475)

Have a look what the booklet for
Hex(372475) contains.

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Color

Hex(372475)

Conversions

Conversions Part 1

Format	Color
Hex	372475
RGB	55, 36, 117
RGB Percent	22%, 14%, 46%
CMY	0.7843, 0.8588, 0.5412
CMYK	0.53, 0.69, 0.00, 0.54
HSL	254°, 53%, 30%
HSV	254°, 69%, 46%
XYZ	5.4173, 3.3583, 17.1923
YIQ	50.9150, -14.6770, 29.2190

Conversions

Conversions Part 2

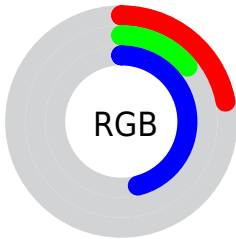
Format	Color
RYB	55, 36, 117
Decimal	3613813
CIELab	21.43, 31.10, -43.57
CIElCh	21, 53.536, 305.521
Yxy	3.3583, 0.2086, 0.1293
Android (android.graphics.Color)	4281803893 (0xFF372475)
YUV	50.9150, 32.5799, 3.5825
Hunter-Lab	18.3258, 20.6967, -42.7949

Details

The Hex color **372475** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **627524**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6C52AA**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **2E1875**, and if you desaturate by 10%, it is **403075**.

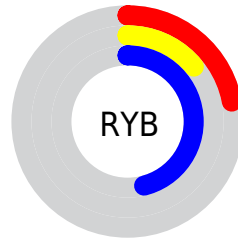
Distribution



Red (22%)

Green (14%)

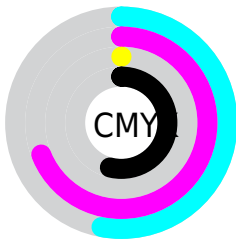
Blue (46%)



Red (22%)

Yellow (14%)

Blue (46%)

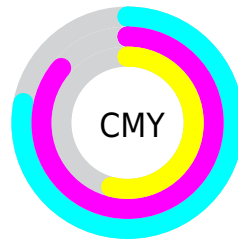


Cyan (53%)

Magenta (69%)

Yellow (0%)

Black (54%)



Cyan (78%)

Magenta (86%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 372475 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 372475 by changing the saturation by 10% instead.

■ 372475

■ 372475

FFFFFF

■ 1B0E5C

■ 6C52AA

■ 000044

■ 876BC5

■ 00032D

■ A284E2

■ 000117

■ BE9FFF

■ 000000

■ DBBAFF

■ F8D5FF

■ FFF2FF

■ 372475

■ 372475

■ 2E1875

■ 403075

■ 250D75

■ 493B75

■ 1C0175

■ 524775

■ 1B0075

■ 5B5375

■ 645F75

■ 6D6A75

■ 767675

■ 7F8275

■ 888D75

Harmonies

Analogous

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



003784



372475



660055

Triad

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



372475



592400



00433A

Complementary

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



372475



627524

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.



00410F



372475



3A3400

Square

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



372475



6F0004



093D00



004361

Rectangle

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



372475



73003B



093D00



00422C

Sweetspot

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



372475



807999



246275



3E394D



CCCCCC



4D4D4D

Same Dimension

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



372475



381A99



5F2475



36353B



1D007A



3B00FA

Inverse Universe

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



752462



991A7B



3A7524



3B3539



7A005E



FA00BF

Previews

White Background



This preview shows how the Hex color 372475 looks on a white background.

Color Contrast Check

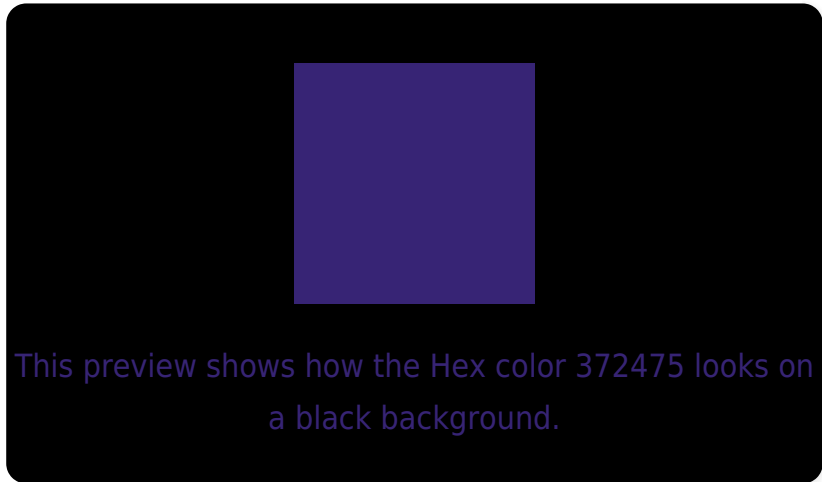
Large Text (above 18pt) WCAG AA ✓ Pass

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

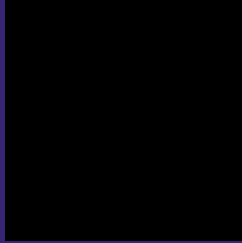
Any Text WCAG AA × Fail

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 372475 Background



This preview shows how black text looks on a background with the Hex color 372475.

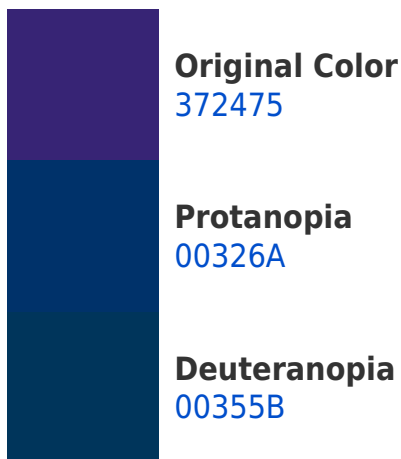


This preview shows how white text looks on a background with the Hex color 372475.

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
24373B

Trichromacy



Original Color
372475

Protanomaly
142D6E

Deuteranomaly
142F64

Tritanomaly
2B3050

Monochromacy



Original Color
372475

Achromatopsia
333333

Achromatomaly
342E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 372475 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 #372475 looks like.

```
.text, #text, p{  
    color:#372475  
}
```

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 #372475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372475
}
```

Border

The CSS property to change the border of an element to Hex 372475 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
#372475 }
```

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

```
.border{ border-color:#372475 }
```

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

Here you see how a box with a 4 pixel #372475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372475; -webkit-box-shadow:4px 4px  
4px 4px #372475; box-shadow:4px 4px 4px  
4px #372475 }
```

Background

The CSS property to change the background color of an element to Hex 372475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372475 }
```

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

```
.background{ background-color:#372475 }
```

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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