

Converting Colors

Hex(371787)

Have a look what the booklet for
Hex(371787) contains.

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Color

Hex(371787)

Conversions

Conversions Part 1

Format	Color
Hex	371787
RGB	55, 23, 135
RGB Percent	22%, 9%, 53%
CMY	0.7843, 0.9098, 0.4706
CMYK	0.59, 0.83, 0.00, 0.47
HSL	257°, 71%, 31%
HSV	257°, 83%, 53%
XYZ	6.2551, 3.1743, 23.2047
YIQ	45.3360, -16.8800, 41.6160

Conversions

Conversions Part 2

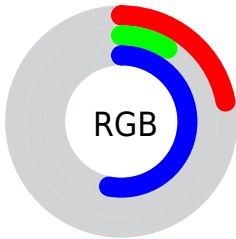
Format	Color
R_{YB}	55, 23, 135
Decimal	3610503
CIE _{Lab}	20.73, 43.55, -56.14
CIE _{LCh}	21, 71.053, 307.806
Yxy	3.1743, 0.1917, 0.0973
Android (android.graphics.Color)	4281800583 (0xFF371787)
YUV	45.3360, 44.2044, 8.4753
Hunter-Lab	17.8165, 31.4898, -64.7492

Details

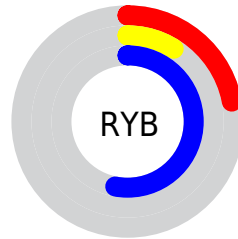
The Hex color **371787** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **678717**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7047BD**, and **000054** is the 20% darker color. If you saturate the color by 10%, you get **2D0A87**, and if you desaturate by 10%, it is **412587**.

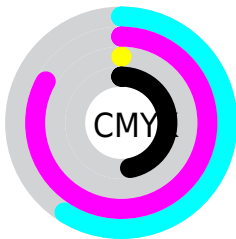
Distribution



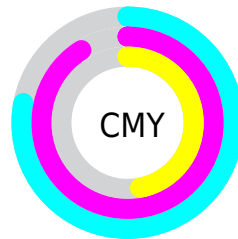
- Red (22%)
- Green (9%)
- Blue (53%)



- Red (22%)
- Yellow (9%)
- Blue (53%)



- Cyan (59%)
- Magenta (83%)
- Yellow (0%)
- Black (47%)



- Cyan (78%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 371787 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 371787 by changing the saturation by 10% instead.

■ 371787

■ 371787

FFFFFF

■ 15006D

■ 7047BD

■ 000054

■ 8C60DA

■ 00033C

■ A87AF6

■ 000225

■ C594FF

■ 00010D

■ E2AFFF

■ 000000

■ FFCBFF

■ FFE8FF

■ 371787

■ 371787

■ 2D0A87

■ 412587

■ 270087

■ 4A3287

■ 543F87

■ 5E4D87

■ 675B87

■ 716887

■ 7A7687

■ 848387

■ 8E9187

Harmonies

Analogous

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



00379D



371787



75005B

Triad

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



371787



5C1E00



00443F

Complementary

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



371787



678717

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.



004201



371787



323500

Square

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



371787



7A0000



003E00



004472

Rectangle

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



371787



830038



003E00



00432D

Sweetspot

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



371787



9184B0



176787



463E59



D9D9D9



595959

Same Dimension

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



371787



3200B0



6F1787



3E3C42



250082



010003

Inverse Universe

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



871767



B0007E



2F8717



423C40



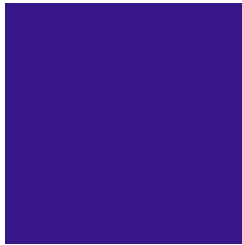
82005D



030002

Previews

White Background



This preview shows how the Hex color 371787 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

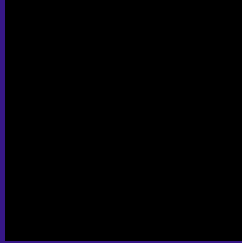
Any Text WCAG AA × Fail

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 371787 Background



This preview shows how black text looks on a background with the Hex color 371787.



This preview shows how white text looks on a background with the Hex color 371787.

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](#).

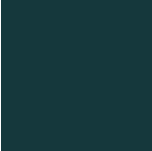
Dichromacy



Original Color
371787

Protanopia
003167

Deuteranopia
003558



Tritanopia
15383C

Trichromacy



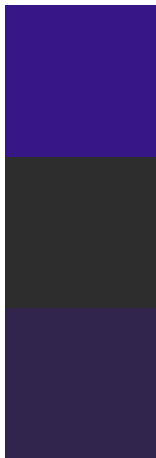
Original Color
371787

Protanomaly
142873

Deuteranomaly
142A69

Tritanomaly
212C57

Monochromacy



Original Color
371787

Achromatopsia
2D2D2D

Achromatomaly
31254E

CSS Examples

Text

The CSS property to change the color of the text to Hex 371787 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 #371787 looks like.

```
.text, #text, p{  
    color:#371787  
}
```

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 #371787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371787
}
```

Border

The CSS property to change the border of an element to Hex 371787 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
#371787 }
```

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

```
.border{ border-color:#371787 }
```

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

Here you see how a box with a 4 pixel #371787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371787; -webkit-box-shadow:4px 4px  
4px 4px #371787; box-shadow:4px 4px 4px  
4px #371787 }
```

Background

The CSS property to change the background color of an element to Hex 371787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371787 }
```

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

```
.background{ background-color:#371787 }
```

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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