

Converting Colors

Hex(373B71)

Have a look what the booklet for
Hex(373B71) contains.

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Color

Hex(373B71)

Conversions

Conversions Part 1

Format	Color
Hex	373B71
RGB	55, 59, 113
RGB Percent	22%, 23%, 44%
CMY	0.7843, 0.7686, 0.5569
CMYK	0.51, 0.48, 0.00, 0.56
HSL	236°, 35%, 33%
HSV	236°, 51%, 44%
XYZ	6.1201, 5.1324, 16.2909
YIQ	63.9600, -19.7180, 15.9460

Conversions

Conversions Part 2

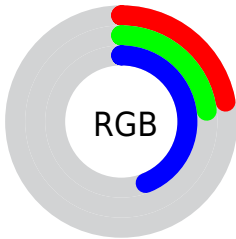
Format	Color
RYB	55, 59, 113
Decimal	3619697
CIELab	27.11, 14.59, -31.85
CIElCh	27, 35.034, 294.616
Yxy	5.1324, 0.2222, 0.1863
Android (android.graphics.Color)	4281809777 (0xFF373B71)
YUV	63.9600, 24.1767, -7.8579
Hunter-Lab	22.6548, 8.5754, -26.7765

Details

The Hex color **373B71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **716D37**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6A6AA5**, and **001240** is the 20% darker color. If you saturate the color by 10%, you get **2C3071**, and if you desaturate by 10%, it is **424671**.

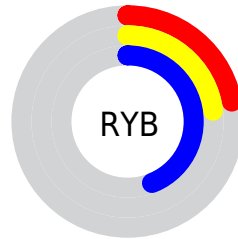
Distribution



Red (22%)

Green (23%)

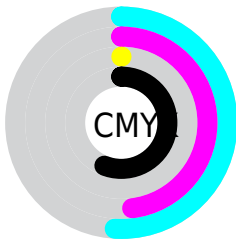
Blue (44%)



Red (22%)

Yellow (23%)

Blue (44%)

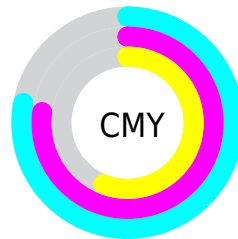


Cyan (51%)

Magenta (48%)

Yellow (0%)

Black (56%)



Cyan (78%)

Magenta (77%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 373B71 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 373B71 by changing the saturation by 10% instead.

■ 373B71

■ 373B71

FFFFFF

■ 1D2558

■ 6A6AA5

■ 001240

■ 8483C1

■ 00012A

■ 9F9DDD

■ 000114

■ BBB8F9

■ 000000

■ D7D4FF

■ F4F0FF

■ 373B71

■ 373B71

■ 2C3071

■ 424671

■ 202671

■ 4E5071

■ 151B71

■ 595B71

■ 0A1171

■ 646571

■ 000871

■ 707071

■ 7B7A71

■ 868571

■ 918F71

■ 9D9A71

Harmonies

Analogous

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



004575



373B71



5C2F5F

Triad

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



373B71



653214



004C3A

Complementary

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



373B71



716D37

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.



124A1F



373B71



523D04

Square

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



373B71



70282B



384509



004D56

Rectangle

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



373B71



69284F



384509



004C31

Sweetspot

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



373B71



7E7F94



37716C



3D3E4A



C9C9C9



4A4A4A

Same Dimension

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



373B71



383F94



4F3771



323338



000878



0011F7

Inverse Universe

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



71373B



94383F



597137



383233



780008



F70011

Previews

White Background



This preview shows how the Hex color 373B71 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

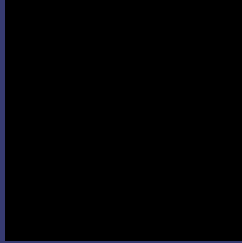
Any Text WCAG AA × Fail

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 373B71 Background



This preview shows how black text looks on a background with the Hex color 373B71.



This preview shows how white text looks on a background with the Hex color 373B71.

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
373B71

Protanopia
253E74

Deuteranopia
194170



Tritanopia
2A444A

Trichromacy



Original Color
373B71

Protanomaly
2C3D73

Deuteranomaly
243F70

Tritanomaly
2F4158

Monochromacy



Original Color
373B71

Achromatopsia
404040

Achromatomaly
3D3E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 373B71 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 #373B71 looks like.

```
.text, #text, p{  
    color:#373B71  
}
```

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 #373B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #373B71
}
```

Border

The CSS property to change the border of an element to Hex 373B71 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
#373B71 }
```

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

```
.border{ border-color:#373B71 }
```

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

Here you see how a box with a 4 pixel #373B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #373B71; -webkit-box-shadow:4px 4px  
4px 4px #373B71; box-shadow:4px 4px 4px  
4px #373B71 }
```

Background

The CSS property to change the background color of an element to Hex 373B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#373B71 }
```

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

```
.background{ background-color:#373B71 }
```

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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