

Converting Colors

Hex(373742)

Have a look what the booklet for
Hex(373742) contains.

Hex(373742)	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(373742)

Conversions

Conversions Part 1

Format	Color
Hex	373742
RGB	55, 55, 66
RGB Percent	22%, 22%, 26%
CMY	0.7843, 0.7843, 0.7412
CMYK	0.17, 0.17, 0.00, 0.74
HSL	240°, 9%, 24%
HSV	240°, 17%, 26%
XYZ	3.9251, 3.9379, 5.7075
YIQ	56.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

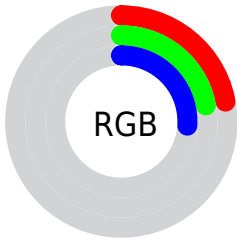
Format	Color
R_{YB}	55, 55, 66
Decimal	3618626
CIE Lab	23.47, 2.72, -6.81
CIE LCh	23, 7.329, 291.758
Yxy	3.9379, 0.2892, 0.2902
Android (android.graphics.Color)	4281808706 (0xFF373742)
YUV	56.2540, 4.8048, -1.0998
Hunter-Lab	19.8443, 0.5790, -3.1616

Details

The Hex color **373742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424237**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **666672**, and **0C0B18** is the 20% darker color. If you saturate the color by 10%, you get **303042**, and if you desaturate by 10%, it is **3E3E42**.

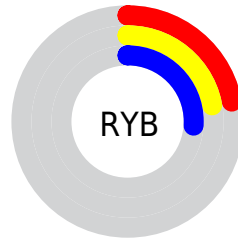
Distribution



Red (22%)

Green (22%)

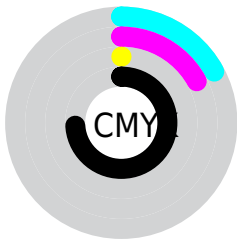
Blue (26%)



Red (22%)

Yellow (22%)

Blue (26%)

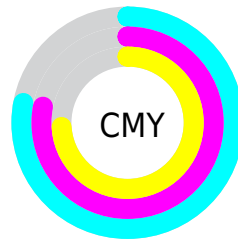


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (74%)



Cyan (78%)

Magenta (78%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 373742 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 373742 by changing the saturation by 10% instead.

■ 373742

■ 373742

FFFFFF

■ 22222C

■ 666672

■ 0C0B18

■ 7F7F8B

■ 000000

■ 9999A6

■ B4B3C1

■ CFCFDD

■ EBEBF9

■ 373742

■ 373742

■ 303042

■ 3E3E42

■ 2A2A42

■ 444442

■ 232342

■ 4B4B42

■ 1D1D42

■ 515142

■ 161642

■ 585842

■ 0F0F42

■ 5F5F42

■ 090942

■ 656542

■ 020242

■ 6C6C42

■ 000042

■ 727242

Harmonies

Analogous

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



303943



373742



3E353F

Triad

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



373742



423530



2C3B36

Complementary

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



373742



424237

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.



323A31



373742



3E372D

Square

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



373742



443434



38392E



2A3B3C

Rectangle

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



373742



41343B



38392E



2E3B34

Sweetspot

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



373742



525257



374242



29292B



ABABAB



2B2B2B

Same Dimension

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



373742



454557



3D3742



1E1E21



000061



0000E0

Inverse Universe

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



423742



574557



3D4237



211E21



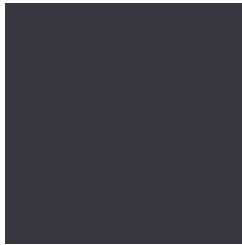
610061



E000E0

Previews

White Background



This preview shows how the Hex color 373742 looks on a white background.

Color Contrast Check

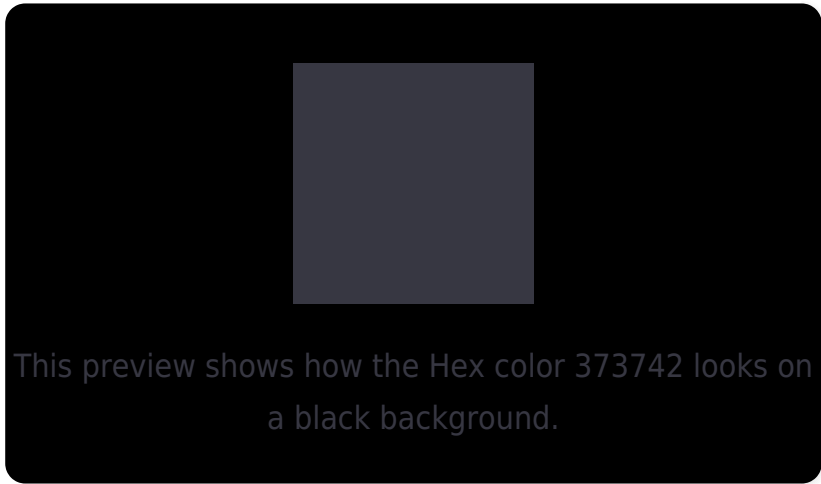
Large Text (above 18pt) WCAG AA ✓ Pass

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

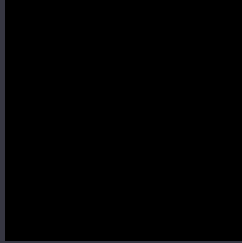
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

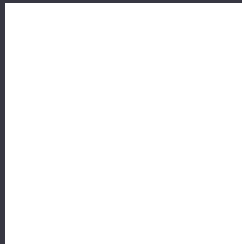
Any Text WCAG AAA × Fail

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

Hex 373742 Background



This preview shows how black text looks on a background with the Hex color 373742.



This preview shows how white text looks on a background with the Hex color 373742.

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](#).

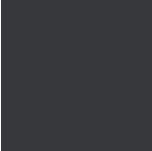
Dichromacy



Original Color
373742

Protanopia
363742

Deuteranopia
383742



Tritanopia
36383C

Trichromacy



Original Color
373742

Protanomaly
363742

Deuteranomaly
383742

Tritanomaly
36383E

Monochromacy



Original Color
373742

Achromatopsia
383838

Achromatomaly
38383C

CSS Examples

Text

The CSS property to change the color of the text to Hex 373742 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 #373742 looks like.

```
.text, #text, p{  
    color:#373742  
}
```

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 #373742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #373742
}
```

Border

The CSS property to change the border of an element to Hex 373742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

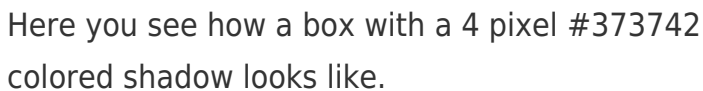
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#373742 }
```

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

```
.border{ border-color:#373742 }
```

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



Here you see how a box with a 4 pixel #373742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #373742; -webkit-box-shadow:4px 4px  
4px 4px #373742; box-shadow:4px 4px 4px  
4px #373742 }
```

Background

The CSS property to change the background color of an element to Hex 373742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#373742 }
```

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

```
.background{ background-color:#373742 }
```

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