

# Converting Colors

Hex(373A4F)

Have a look what the booklet for  
Hex(373A4F) contains.

<b>Hex(373A4F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(373A4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	373A4F
RGB	55, 58, 79
RGB Percent	22%, 23%, 31%
CMY	0.7843, 0.7725, 0.6902
CMYK	0.30, 0.27, 0.00, 0.69
HSL	232°, 18%, 26%
HSV	232°, 30%, 31%
XYZ	4.4999, 4.4029, 8.0098
YIQ	59.4970, -8.5290, 5.8950

# Conversions

## Conversions Part 2

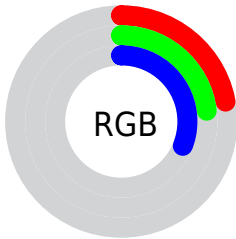
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 58, 79
Decimal	3619407
CIE Lab	24.96, 4.32, -13.18
CIE LCh	25, 13.870, 288.167
Yxy	4.4029, 0.2661, 0.2603
Android (android.graphics.Color)	4281809487 (0xFF373A4F)
YUV	59.4970, 9.6150, -3.9439
Hunter-Lab	20.9830, 1.5599, -7.9446

# Details

The Hex color **373A4F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F4C37**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **666980**, and **0C0F23** is the 20% darker color. If you saturate the color by 10%, you get **2F334F**, and if you desaturate by 10%, it is **3F414F**.

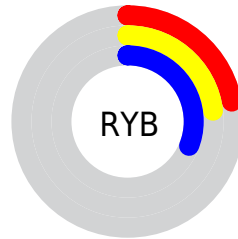
# Distribution



Red (22%)

Green (23%)

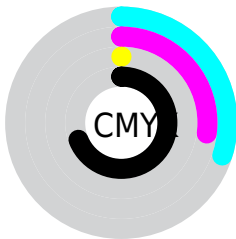
Blue (31%)



Red (22%)

Yellow (23%)

Blue (31%)

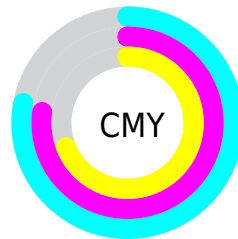


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (69%)



Cyan (78%)

Magenta (77%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 373A4F 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 373A4F by changing the saturation by 10% instead.



■ 373A4F

■ 373A4F

FFFFFF

■ 212438

■ 666980

■ 0C0F23

■ 80829A

■ 00000B

■ 9A9CB5

■ 000000

■ B5B7D1

■ D0D3ED

■ EDEFFF

■ 373A4F

■ 373A4F

■ 2F334F

■ 3F414F

■ 272C4F

■ 47484F

■ 1F254F

■ 4F4F4F

■ 171E4F

■ 57564F

■ 0F174F

■ 5F5D4F

■ 08114F

■ 66634F

■ 000A4F

■ 6E6A4F

■ 76714F

■ 7E784F

# Harmonies

## Analogous

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



283D4F



373A4F



443649

# Triad

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



373A4F



4E362C



244137

# Complementary

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



373A4F



4F4C37

# 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.



303F2D



373A4F



463927

# Square

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



373A4F



503435



3C3D27



1B4141

# Rectangle

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



373A4F



4B3443



3C3D27



284033



# Sweetspot

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



373A4F



5D5E66



374F4C



2D2E33



B3B3B3



333333



# Same Dimension

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



373A4F



414666



40374F



222326



000D66



001DE6



# Inverse Universe

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



4F373A



664146



464F37



262223



66000D

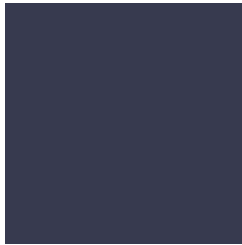


E6001D



# Previews

## White Background



This preview shows how the Hex color 373A4F looks on a white background.

## Color Contrast Check

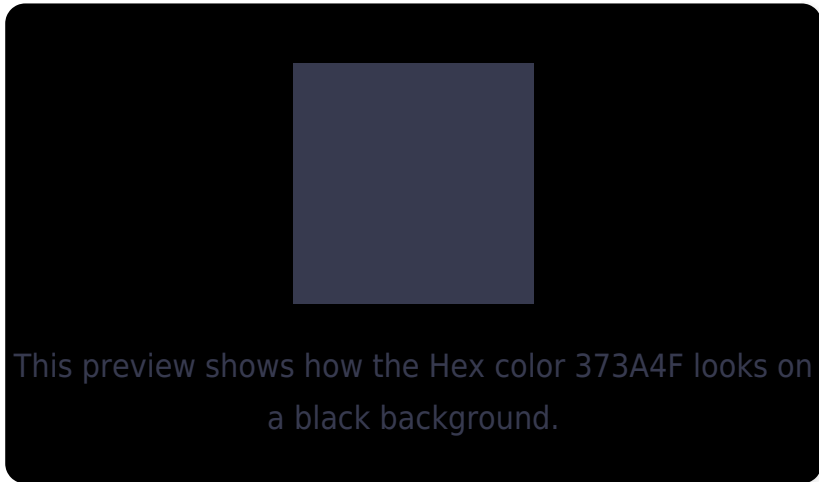
Large Text (above 18pt) WCAG AA ✓ Pass

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

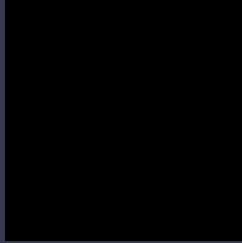
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 373A4F Background



This preview shows how black text looks on a background with the Hex color 373A4F.

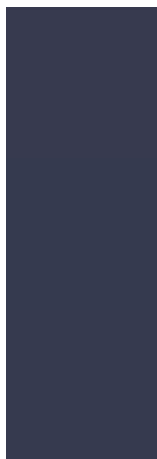


This preview shows how white text looks on a background with the Hex color 373A4F.

# 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**  
373A4F

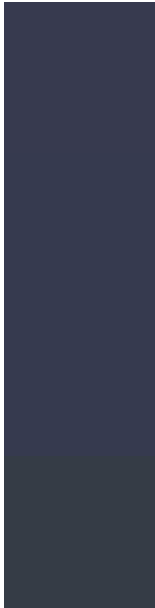
**Protanopia**  
353A4F

**Deuteranopia**  
363A4F



**Tritanopia**  
343D41

# Trichromacy



**Original Color**  
373A4F

**Protanomaly**  
363A4F

**Deuteranomaly**  
363A4F

**Tritanomaly**  
353C46

# Monochromacy



**Original Color**  
373A4F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3A3B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 373A4F 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 #373A4F looks like.

```
.text, #text, p{  
    color:#373A4F  
}
```

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 #373A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #373A4F
}
```

## Border

The CSS property to change the border of an element to Hex 373A4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

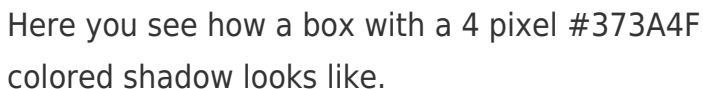
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#373A4F }
```

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

```
.border{ border-color:#373A4F }
```

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



Here you see how a box with a 4 pixel #373A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #373A4F; -webkit-box-shadow:4px 4px  
4px 4px #373A4F; box-shadow:4px 4px 4px  
4px #373A4F }
```

# Background

The CSS property to change the background color of an element to Hex 373A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#373A4F }
```

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

```
.background{ background-color:#373A4F }
```

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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