

# Converting Colors

Hex(64373F)

Have a look what the booklet for  
Hex(64373F) contains.

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# Color

**Hex(64373F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64373F
RGB	100, 55, 63
RGB Percent	39%, 22%, 25%
CMY	0.6078, 0.7843, 0.7529
CMYK	0.00, 0.45, 0.37, 0.61
HSL	349°, 29%, 30%
HSV	349°, 45%, 39%
XYZ	7.5189, 5.8006, 5.4260
YIQ	69.3670, 24.2520, 12.0280

# Conversions

## Conversions Part 2

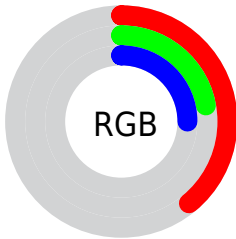
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 55, 63
Decimal	6567743
CIE Lab	28.90, 21.09, 3.82
CIE LCh	29, 21.432, 10.271
Yxy	5.8006, 0.4011, 0.3094
Android (android.graphics.Color)	4284757823 (0xFF64373F)
YUV	69.3670, -3.1389, 26.8651
Hunter-Lab	24.0844, 13.5783, 3.5017




# Details

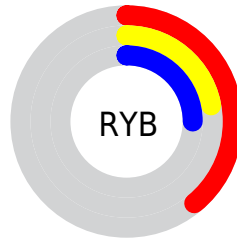
The Hex color **64373F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37645C**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **98676E**, and **330B15** is the 20% darker color. If you saturate the color by 10%, you get **642D37**, and if you desaturate by 10%, it is **644147**.

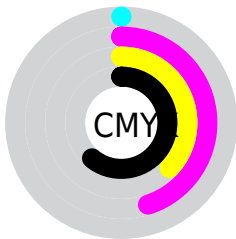
# Distribution







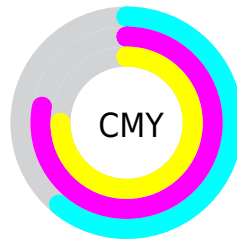
-  Red (39%)
-  Green (22%)
-  Blue (25%)






-  Red (39%)
-  Yellow (22%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (37%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (78%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64373F 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 64373F by changing the saturation by 10% instead.



64373F

64373F

FFFFFF

4B2129

98676E

330B15

B48088

1E0001

D09AA2

000000

ECB5BD

FFD1D9

FFEDF5

64373F

64373F

642D37

644147

■ 64232F

■ 644B4F

■ 641926

■ 645558

■ 640F1E

■ 645F60

■ 640516

■ 646968

■ 640012

■ 647370

■ 647D79

■ 648781

■ 649189

# Harmonies

## Analogous

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



5D3950



64373F



623A30

# Triad

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



64373F



37492A



144963

# Complementary

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



64373F



37645C

# 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.



004C59



64373F



224C38

# Square

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



64373F



494523



034D49



354465

# Rectangle

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



64373F



5C3D28



034D49



054A60



# Sweetspot

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



64373F



827073



5C3764



423739



C2C2C2



424242



# Same Dimension

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



64373F



823C48



644537



332E2F



730014



F2002B



# Inverse Universe

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



64373F



823C48



375664



332E2F



730014

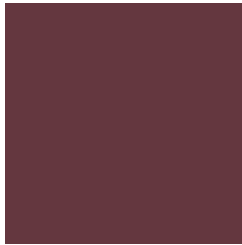


F2002B



# Previews

## White Background



This preview shows how the Hex color 64373F looks on a white background.

## Color Contrast Check

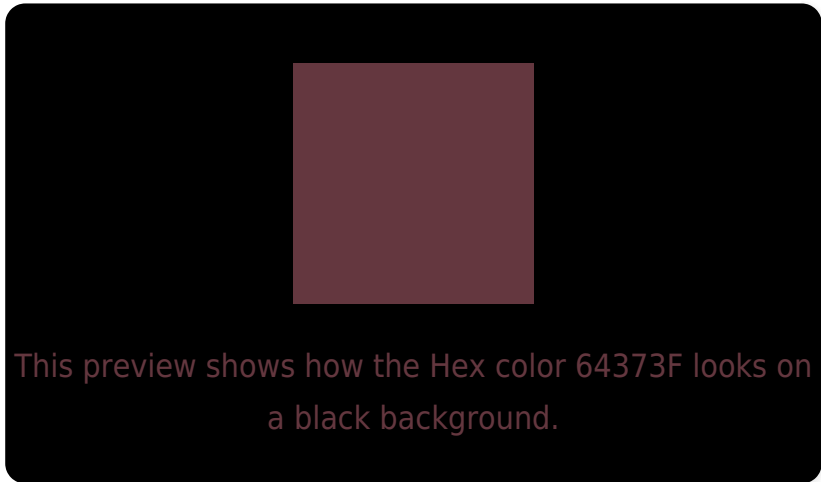
Large Text (above 18pt) WCAG AA ✓ Pass

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

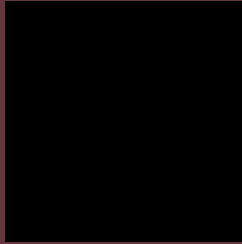
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64373F Background



This preview shows how black text looks on a background with the Hex color 64373F.



This preview shows how white text looks on a background with the Hex color 64373F.

# 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**  
64373F

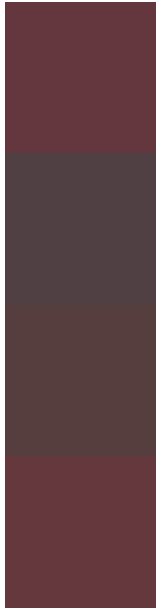
**Protanopia**  
454446

**Deuteranopia**  
4E423D



**Tritanopia**  
64383C

# Trichromacy



**Original Color**  
64373F

**Protanomaly**  
503F43

**Deuteranomaly**  
563E3E

**Tritanomaly**  
64383D

# Monochromacy



**Original Color**  
64373F

**Achromatopsia**  
454545

**Achromatomaly**  
504043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64373F 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 #64373F looks like.

```
.text, #text, p{  
    color:#64373F  
}
```

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 #64373F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64373F
}
```

## Border

The CSS property to change the border of an element to Hex 64373F is called "border". The border property can be set on classes, ids or directly on the HTML element.

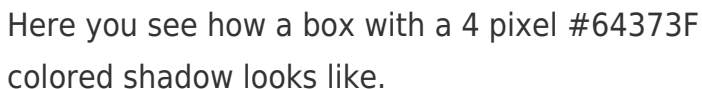
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64373F }
```

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

```
.border{ border-color:#64373F }
```

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



Here you see how a box with a 4 pixel #64373F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64373F; -webkit-box-shadow:4px 4px  
4px 4px #64373F; box-shadow:4px 4px 4px  
4px #64373F }
```

# Background

The CSS property to change the background color of an element to Hex 64373F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64373F }
```

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

```
.background{ background-color:#64373F }
```

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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