

# Converting Colors

Hex(37513A)

Have a look what the booklet for  
Hex(37513A) contains.

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# Color

**Hex(37513A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37513A
RGB	55, 81, 58
RGB Percent	22%, 32%, 23%
CMY	0.7843, 0.6824, 0.7725
CMYK	0.32, 0.00, 0.28, 0.68
HSL	127°, 19%, 27%
HSV	127°, 32%, 32%
XYZ	5.2817, 7.0026, 5.0762
YIQ	70.6040, -8.1130, -12.6650

# Conversions

## Conversions Part 2

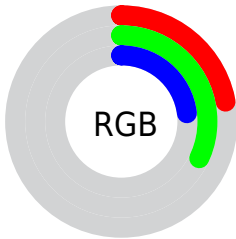
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 78, 81
Decimal	3625274
CIELab	31.81, -15.29, 10.45
CIELCh	32, 18.520, 145.636
Yxy	7.0026, 0.3042, 0.4034
Android (android.graphics.Color)	4281815354 (0xFF37513A)
YUV	70.6040, -6.2138, -13.6847
Hunter-Lab	26.4624, -10.6818, 7.1501

# Details

The Hex color **37513A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51374E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **678269**, and **0C2410** is the 20% darker color. If you saturate the color by 10%, you get **2F5133**, and if you desaturate by 10%, it is **3F5141**.

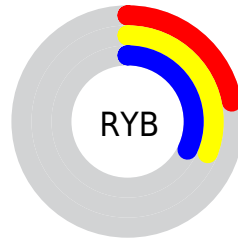
# Distribution



 Red (22%)

 Green (32%)

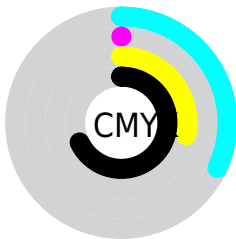
 Blue (23%)




 Red (22%)

 Yellow (31%)

 Blue (32%)

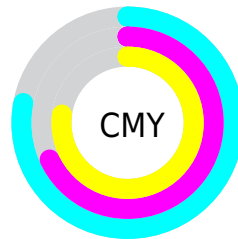


 Cyan (32%)

 Magenta (0%)

 Yellow (28%)

 Black (68%)



 Cyan (78%)

 Magenta (68%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37513A 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 37513A by changing the saturation by 10% instead.



■ 37513A

■ 37513A

FFFFFF

■ 213A24

■ 678269

■ 0C2410

■ 809D82

■ 000C00

■ 9AB89C

■ 000000

■ B5D3B7

■ D1F0D3

■ EDFFEF

■ 37513A

■ 37513A

■ 2F5133

■ 3F5141

■ 27512C

■ 475148

■ 1F5125

■ 4F514F

■ 17511D

■ 575157

■ 0F5116

■ 60515E

■ 06510F

■ 685165

■ 005109

■ 70516C

■ 785173

■ 80517A

# Harmonies

## Analogous

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



484E30



37513A



265348

# Triad

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



37513A



344D68



67413F

# Complementary

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



37513A



51374E

# 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.



65404E



37513A



4A4865

# Square

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



37513A



1F5162



5B435B



624433

# Rectangle

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



37513A



1C5352



5B435B



684044



# Sweetspot

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



37513A



5E695F



4E5137



2F3630



B5B5B5



363636



# Same Dimension

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



37513A



406944



375147



252925



00690C



00E81B



# Inverse Universe

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



51374E



694064



513741



292528



69005C

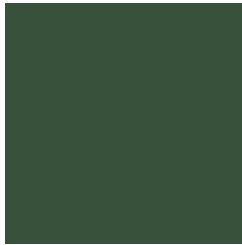


E800CD



# Previews

## White Background



This preview shows how the Hex color 37513A looks on a white background.

## Color Contrast Check

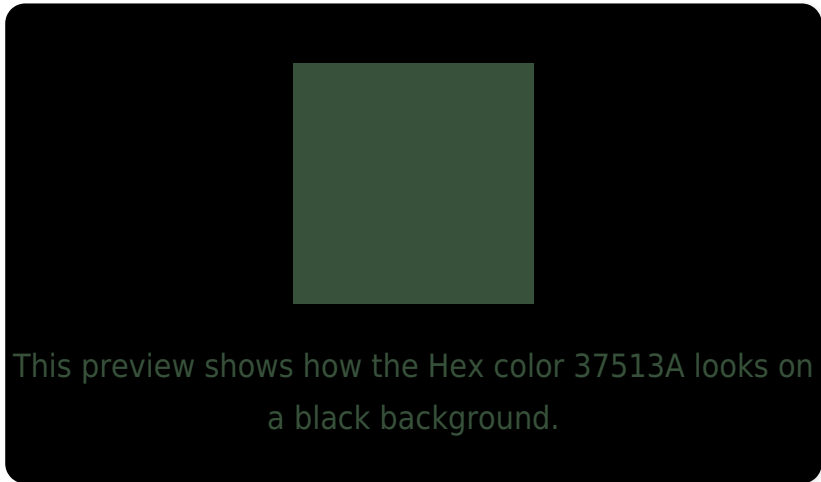
Large Text (above 18pt) WCAG AA ✓ Pass

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

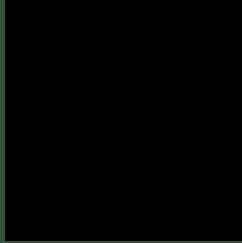
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 37513A Background



This preview shows how black text looks on a background with the Hex color 37513A.



This preview shows how white text looks on a background with the Hex color 37513A.

# 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**  
37513A

**Protanopia**  
504B37

**Deuteranopia**  
57483C



**Tritanopia**  
3C4E54

# Trichromacy



**Original Color**  
37513A

**Protanomaly**  
474D38

**Deuteranomaly**  
4B4B3B

**Tritanomaly**  
3A4F4B

# Monochromacy



**Original Color**  
37513A

**Achromatopsia**  
474747

**Achromatomaly**  
414B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37513A 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 #37513A looks like.

```
.text, #text, p{  
  color:#37513A  
}
```

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 #37513A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37513A
}
```

## Border

The CSS property to change the border of an element to Hex 37513A 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".

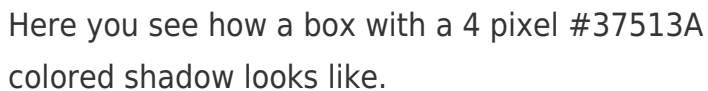
```
.border, #border, table{ border:4px solid
#37513A }
```

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

```
.border{ border-color:#37513A }
```

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

Here you see how a box with a 4 pixel #37513A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37513A; -webkit-box-shadow:4px 4px  
4px 4px #37513A; box-shadow:4px 4px 4px  
4px #37513A }
```

# Background

The CSS property to change the background color of an element to Hex 37513A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37513A }
```

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

```
.background{ background-color:#37513A }
```

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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