

Converting Colors

Hex(37313E)

Have a look what the booklet for
Hex(37313E) contains.

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Color

Hex(37313E)

Conversions

Conversions Part 1

Format	Color
Hex	37313E
RGB	55, 49, 62
RGB Percent	22%, 19%, 24%
CMY	0.7843, 0.8078, 0.7569
CMYK	0.11, 0.21, 0.00, 0.76
HSL	268°, 12%, 22%
HSV	268°, 21%, 24%
XYZ	3.5434, 3.3567, 5.0186
YIQ	52.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

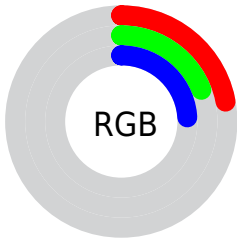
Format	Color
R_{YB}	55, 49, 62
Decimal	3617086
CIE Lab	21.42, 5.74, -7.19
CIE LCh	21, 9.203, 308.597
Yxy	3.3567, 0.2973, 0.2816
Android (android.graphics.Color)	4281807166 (0xFF37313E)
YUV	52.2760, 4.7939, 2.3889
Hunter-Lab	18.3212, 2.4603, -3.4160

Details

The Hex color **37313E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383E31**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **665F6D**, and **0C0114** is the 20% darker color. If you saturate the color by 10%, you get **342B3E**, and if you desaturate by 10%, it is **3A373E**.

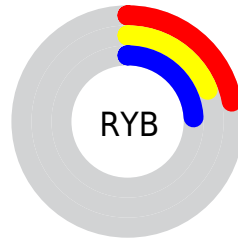
Distribution



Red (22%)

Green (19%)

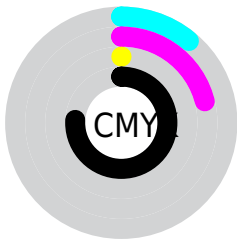
Blue (24%)



Red (22%)

Yellow (19%)

Blue (24%)

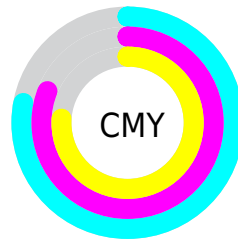


Cyan (11%)

Magenta (21%)

Yellow (0%)

Black (76%)



Cyan (78%)

Magenta (81%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37313E 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 37313E by changing the saturation by 10% instead.

■ 37313E

■ 37313E

FFFFFF

■ 221C28

■ 665F6D

■ 0C0114

■ 7F7887

■ 000000

■ 9991A1

■ B4ACBC

■ CFC7D8

■ EBE3F4

■ 37313E

■ 37313E

■ 342B3E

■ 3A373E

■ 30253E

■ 3E3D3E

■ 2D1E3E

■ 41443E

■ 2A183E

■ 444A3E

■ 26123E

■ 48503E

■ 230C3E

■ 4B563E

■ 20063E

■ 4E5C3E

■ 1D003E

■ 52633E

■ 55693E

Harmonies

Analogous

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



2E3341



37313E



3E2F38

Triad

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



37313E



3D3127



223735

Complementary

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



37313E



383E31

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.



27372E



37313E



373426

Square

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



37313E



412F2B



2F3629



21373C

Rectangle

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



37313E



412F34



2F3629



233733

Sweetspot

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



37313E



4F4D52



31383E



272629



A8A8A8



292929

Same Dimension

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



37313E



473D52



3D313E



1D1C1F



2C005E



6600DE

Inverse Universe

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



3E3138



523D48



323E31



1F1C1D



5E0033



DE0077

Previews

White Background



This preview shows how the Hex color 37313E looks on a white background.

Color Contrast Check

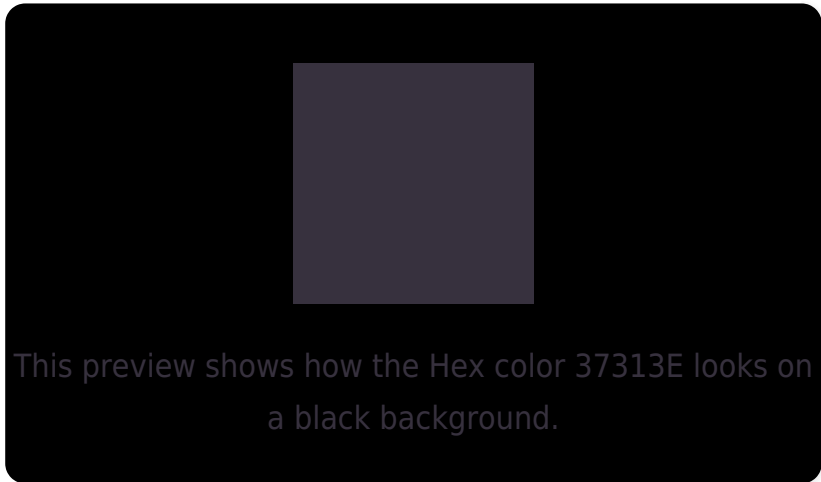
Large Text (above 18pt) WCAG AA ✓ Pass

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

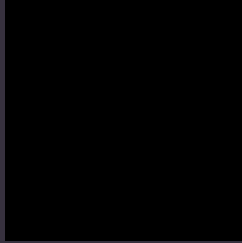
Any Text WCAG AA × Fail

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 37313E Background



This preview shows how black text looks on a background with the Hex color 37313E.

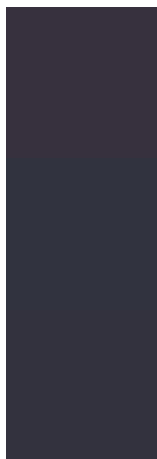


This preview shows how white text looks on a background with the Hex color 37313E.

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
37313E

Protanopia
31333F

Deuteranopia
33323E



Tritanopia
363236

Trichromacy



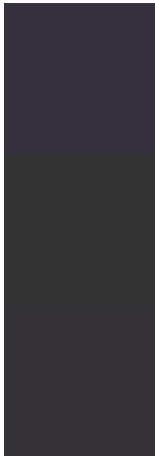
Original Color
37313E

Protanomaly
33323F

Deuteranomaly
34323E

Tritanomaly
363239

Monochromacy



Original Color
37313E

Achromatopsia
343434

Achromatomaly
353338

CSS Examples

Text

The CSS property to change the color of the text to Hex 37313E 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 #37313E looks like.

```
.text, #text, p{  
    color:#37313E  
}
```

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 #37313E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37313E
}
```

Border

The CSS property to change the border of an element to Hex 37313E is called "border". The border property can be set on classes, ids or directly on the HTML element.

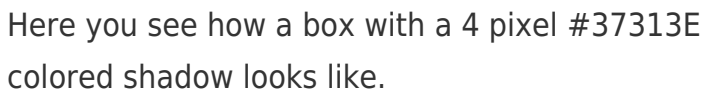
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37313E }
```

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

```
.border{ border-color:#37313E }
```

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



Here you see how a box with a 4 pixel #37313E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37313E; -webkit-box-shadow:4px 4px  
4px 4px #37313E; box-shadow:4px 4px 4px  
4px #37313E }
```

Background

The CSS property to change the background color of an element to Hex 37313E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37313E }
```

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

```
.background{ background-color:#37313E }
```

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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