

Converting Colors

Hex(37242E)

Have a look what the booklet for
Hex(37242E) contains.

Hex(37242E)	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(37242E)

Conversions

Conversions Part 1

Format	Color
Hex	37242E
RGB	55, 36, 46
RGB Percent	22%, 14%, 18%
CMY	0.7843, 0.8588, 0.8196
CMYK	0.00, 0.35, 0.16, 0.78
HSL	328°, 21%, 18%
HSV	328°, 35%, 22%
XYZ	2.6996, 2.2712, 2.8809
YIQ	42.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

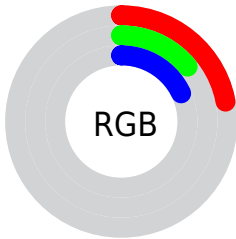
Format	Color
R _Y B	55, 36, 46
Decimal	3613742
CIE Lab	16.85, 10.96, -2.96
CIE LCh	17, 11.347, 344.895
Yxy	2.2712, 0.3438, 0.2893
Android (android.graphics.Color)	4281803822 (0xFF37242E)
YUV	42.8210, 1.5672, 10.6810
Hunter-Lab	15.0706, 5.6007, -0.7844

Details

The Hex color **37242E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24372D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **66515C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **371E2B**, and if you desaturate by 10%, it is **372931**.

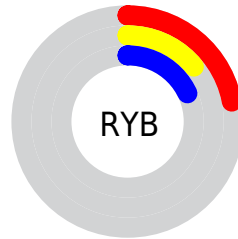
Distribution



Red (22%)

Green (14%)

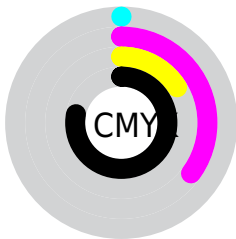
Blue (18%)



Red (22%)

Yellow (14%)

Blue (18%)

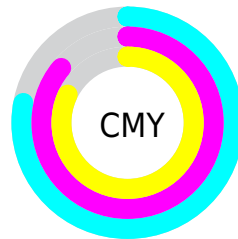


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (78%)



Cyan (78%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37242E 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 37242E by changing the saturation by 10% instead.

■ 37242E

■ 37242E

FFFFFF

■ 211019

■ 66515C

■ 000000

■ 7F6974

■ 99828E

■ B49CA8

■ D0B7C3

■ ECD3DF

■ FFEFFC

■ 37242E

■ 37242E

■ 371E2B

■ 372931

■ 371929

■ 372F33

■ 371326

■ 373536

■ 370E24

■ 373A38

■ 370821

■ 37403B

■ 37031E

■ 37453E

■ 37001D

■ 374B40

■ 375043

■ 375645

Harmonies

Analogous

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



302635



37242E



3A2426

Triad

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



37242E



2B2A1A



112D35

Complementary

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



37242E



24372D

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.



112E2D



37242E



222C1E

Square

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



37242E



33281A



192E25



192C39

Rectangle

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



37242E



392421



192E25



102E33

Sweetspot

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



37242E



474044



2D2437



241F22



A3A3A3



242424

Same Dimension

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



37242E



472A3A



372425



1C191B



5C0030



DB0073

Inverse Universe

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



37242E



472A3A



243736



1C191B



5C0030



DB0073

Previews

White Background



This preview shows how the Hex color 37242E looks on a white background.

Color Contrast Check

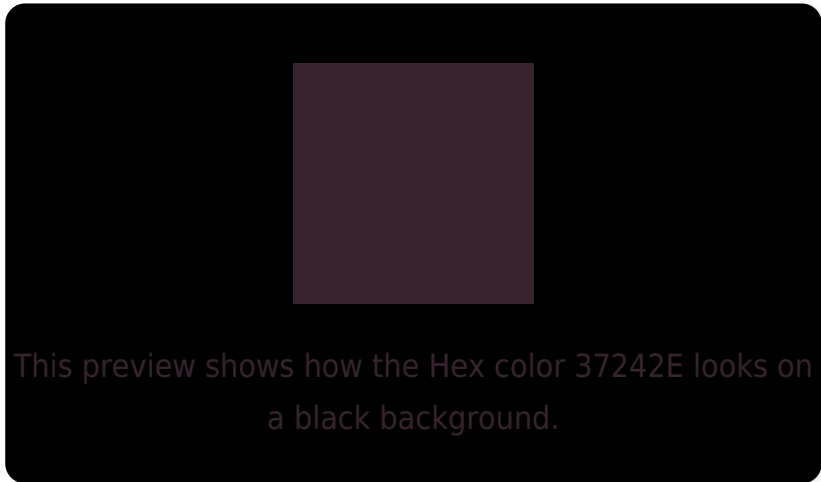
Large Text (above 18pt) WCAG AA ✓ Pass

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

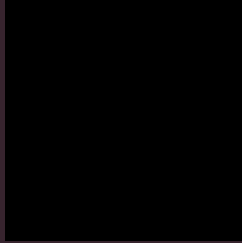
Any Text WCAG AA × Fail

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 37242E Background



This preview shows how black text looks on a background with the Hex color 37242E.



This preview shows how white text looks on a background with the Hex color 37242E.

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](#).

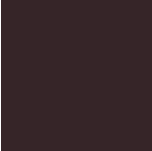
Dichromacy



Original Color
37242E

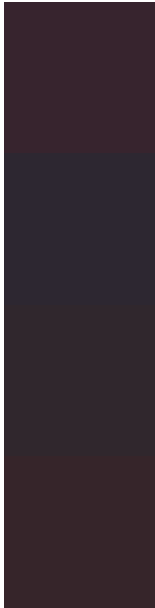
Protanopia
282932

Deuteranopia
2C292D



Tritanopia
362528

Trichromacy



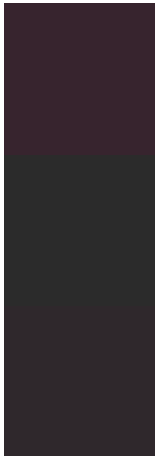
Original Color
37242E

Protanomaly
2D2731

Deuteranomaly
30272D

Tritanomaly
36252A

Monochromacy



Original Color
37242E

Achromatopsia
2B2B2B

Achromatomaly
2F282C

CSS Examples

Text

The CSS property to change the color of the text to Hex 37242E 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 #37242E looks like.

```
.text, #text, p{  
    color:#37242E  
}
```

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 #37242E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37242E
}
```

Border

The CSS property to change the border of an element to Hex 37242E is called "border". The border property can be set on classes, ids or directly on the HTML element.

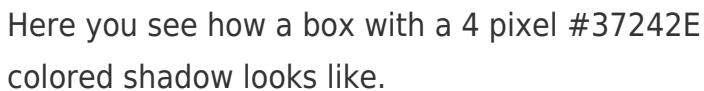
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37242E }
```

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

```
.border{ border-color:#37242E }
```

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



Here you see how a box with a 4 pixel #37242E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37242E; -webkit-box-shadow:4px 4px  
4px 4px #37242E; box-shadow:4px 4px 4px  
4px #37242E }
```

Background

The CSS property to change the background color of an element to Hex 37242E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37242E }
```

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

```
.background{ background-color:#37242E }
```

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