

Converting Colors

Hex(37342F)

Have a look what the booklet for
Hex(37342F) contains.

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Color

Hex(37342F)

Conversions

Conversions Part 1

Format	Color
Hex	37342F
RGB	55, 52, 47
RGB Percent	22%, 20%, 18%
CMY	0.7843, 0.7961, 0.8157
CMYK	0.00, 0.05, 0.15, 0.78
HSL	37°, 8%, 20%
HSV	37°, 15%, 22%
XYZ	3.3166, 3.4734, 3.1850
YIQ	52.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

Format	Color
R_{YB}	52, 55, 47
Decimal	3617839
CIE Lab	21.85, 0.25, 3.63
CIE LCh	22, 3.641, 86.056
Yxy	3.4734, 0.3325, 0.3482
Android (android.graphics.Color)	4281807919 (0xFF37342F)
YUV	52.3270, -2.6262, 2.3442
Hunter-Lab	18.6372, -0.8496, 2.9138

Details

The Hex color **37342F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F3237**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **66625D**, and **0B0600** is the 20% darker color. If you saturate the color by 10%, you get **37322A**, and if you desaturate by 10%, it is **373635**.

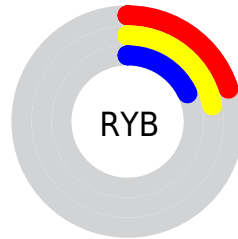
Distribution



Red (22%)

Green (20%)

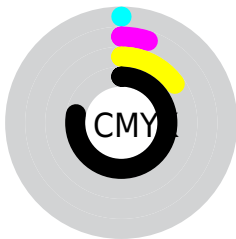
Blue (18%)



Red (20%)

Yellow (22%)

Blue (18%)



Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37342F 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 37342F by changing the saturation by 10% instead.



37342F



37342F

FFFFFF



221F1A



66625D



0B0600



7F7B75



000000



99958F



B3B0A9



CFCBC5



EBE7E1

FFFFFFD



37342F



37342F

■ 37322A

■ 373635

■ 373024

■ 37383A

■ 372E1E

■ 373A40

■ 372C19

■ 373C45

■ 372A13

■ 373E4B

■ 37280E

■ 374050

■ 372609

■ 374256

■ 372303

■ 37455B

■ 372200

■ 374761

Harmonies

Analogous

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



393330



37342F



34352F

Triad

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



37342F



2E3637



383337

Complementary

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



37342F



2F3237

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.



343439



37342F



2F3539

Square

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



37342F



2F3634



31353A



3A3335

Rectangle

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



37342F



323531



31353A



373338

Sweetspot

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



37342F



474645



372F32



242322



A3A3A3



242424

Same Dimension

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



37342F



47433B



36372F



1C1B19



5C3900



DB8900

Inverse Universe

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



2F3237



3B4047



302F37



191A1C



00225C



0052DB

Previews

White Background



This preview shows how the Hex color 37342F looks on a white background.

Color Contrast Check

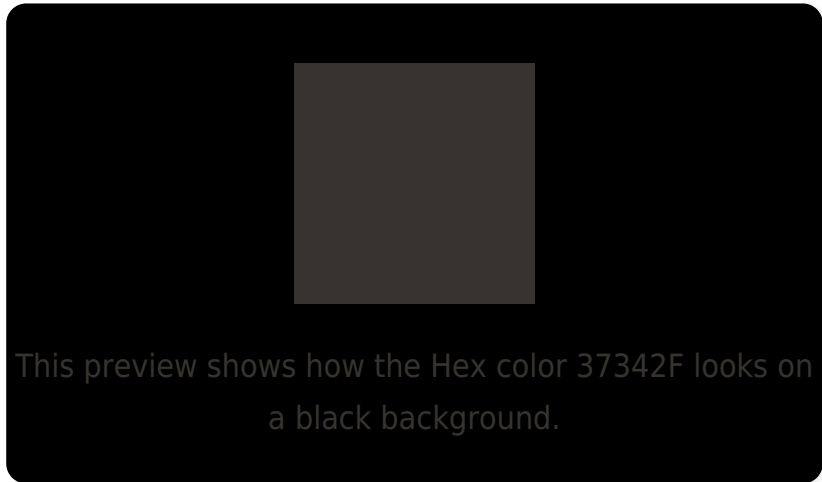
Large Text (above 18pt) WCAG AA ✓ Pass

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

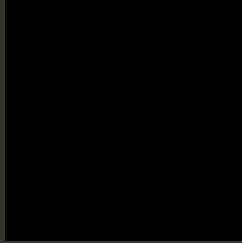
Any Text WCAG AA × Fail

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 37342F Background



This preview shows how black text looks on a background with the Hex color 37342F.



This preview shows how white text looks on a background with the Hex color 37342F.

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
37342F

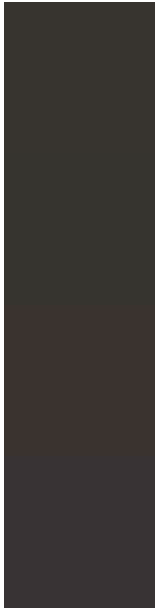
Protanopia
36342F

Deuteranopia
3B322F



Tritanopia
383337

Trichromacy



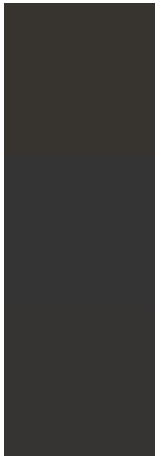
Original Color
37342F

Protanomaly
36342F

Deuteranomaly
3A332F

Tritanomaly
383334

Monochromacy



Original Color
37342F

Achromatopsia
343434

Achromatomaly
353432

CSS Examples

Text

The CSS property to change the color of the text to Hex 37342F 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 #37342F looks like.

```
.text, #text, p{  
    color:#37342F  
}
```

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 #37342F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37342F
}
```

Border

The CSS property to change the border of an element to Hex 37342F is called "border". The border property can be set on classes, ids or directly on the HTML element.

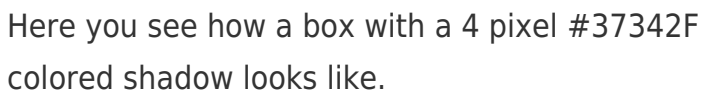
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37342F }
```

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

```
.border{ border-color:#37342F }
```

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



Here you see how a box with a 4 pixel #37342F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37342F; -webkit-box-shadow:4px 4px  
4px 4px #37342F; box-shadow:4px 4px 4px  
4px #37342F }
```

Background

The CSS property to change the background color of an element to Hex 37342F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37342F }
```

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

```
.background{ background-color:#37342F }
```

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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