

Converting Colors

Hex(37221E)

Have a look what the booklet for
Hex(37221E) contains.

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Color

Hex(37221E)

Conversions

Conversions Part 1

Format	Color
Hex	37221E
RGB	55, 34, 30
RGB Percent	22%, 13%, 12%
CMY	0.7843, 0.8667, 0.8824
CMYK	0.00, 0.38, 0.45, 0.78
HSL	10°, 29%, 17%
HSV	10°, 45%, 22%
XYZ	2.3819, 2.0500, 1.4984
YIQ	39.8230, 13.8000, 3.2080

Conversions

Conversions Part 2

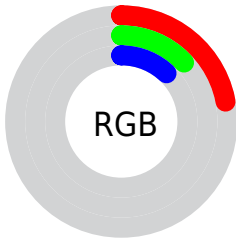
Format	Color
R_{YB}	55, 35, 30
Decimal	3613214
CIE Lab	15.75, 9.48, 6.81
CIE LCh	16, 11.668, 35.701
Yxy	2.0500, 0.4016, 0.3457
Android (android.graphics.Color)	4281803294 (0xFF37221E)
YUV	39.8230, -4.8427, 13.3102
Hunter-Lab	14.3179, 4.6389, 3.8175

Details

The Hex color **37221E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E3337**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **674E4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **371D19**, and if you desaturate by 10%, it is **372724**.

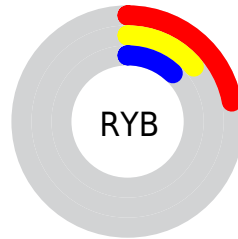
Distribution



Red (22%)

Green (13%)

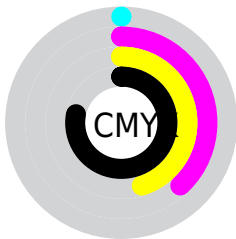
Blue (12%)



Red (22%)

Yellow (14%)

Blue (12%)

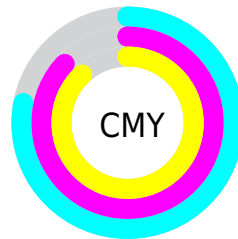


Cyan (0%)

Magenta (38%)

Yellow (45%)

Black (78%)



Cyan (78%)

Magenta (87%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37221E 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 37221E by changing the saturation by 10% instead.



37221E



37221E

FFFFFF



220D05



674E4A



000000



806661



9B807A



B69A94



D1B4AF



EED0CA



FFECE6



37221E



37221E

■ 371D19

■ 372724

■ 371913

■ 372B29

■ 37140D

■ 37302F

■ 371008

■ 373434

■ 370B02

■ 37393A

■ 370900

■ 373E3F

■ 374245

■ 37474A

■ 374C50

Harmonies

Analogous

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



372126



37221E



332418

Triad

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



37221E



192B20



1F2738

Complementary

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



37221E



1E3337

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.



122A36



37221E



102C29

Square

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



37221E



222A1A



0C2B31



2A2535

Rectangle

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



37221E



2E2617



0C2B31



1A2838

Sweetspot

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



37221E



473F3D



371E33



241F1E



A3A3A3



242424

Same Dimension

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



37221E



472620



372E1E



1C1A19



5C0F00



DB2300

Inverse Universe

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



1E3337



204147



1E2737



191C1C



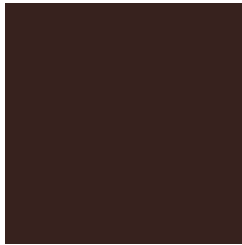
004D5C



00B8DB

Previews

White Background



This preview shows how the Hex color 37221E looks on a white background.

Color Contrast Check

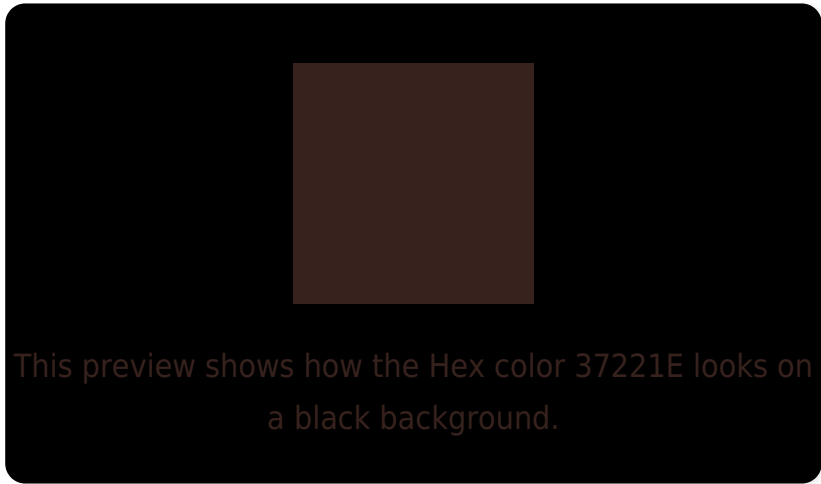
Large Text (above 18pt) WCAG AA ✓ Pass

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 37221E Background



This preview shows how black text looks on a background with the Hex color 37221E.

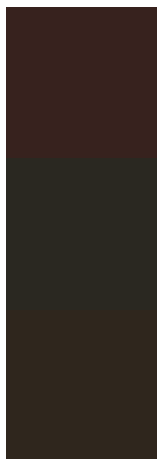


This preview shows how white text looks on a background with the Hex color 37221E.

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
37221E

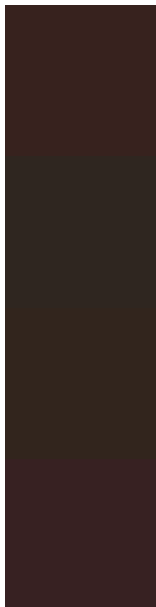
Protanopia
2A2821

Deuteranopia
2F261D



Tritanopia
372124

Trichromacy



Original Color

37221E

Protanomaly

2F2620

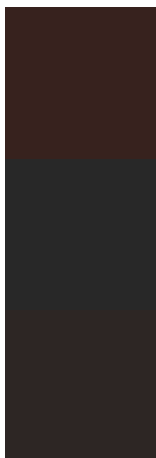
Deuteranomaly

32251D

Tritanomaly

372122

Monochromacy



Original Color

37221E

Achromatopsia

282828

Achromatomaly

2D2624

CSS Examples

Text

The CSS property to change the color of the text to Hex 37221E 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 #37221E looks like.

```
.text, #text, p{  
    color:#37221E  
}
```

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 #37221E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37221E
}
```

Border

The CSS property to change the border of an element to Hex 37221E is called "border". The border property can be set on classes, ids or directly on the HTML element.

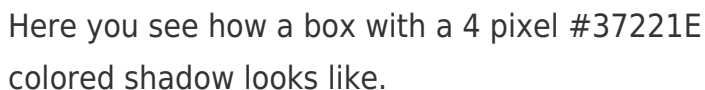
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37221E }
```

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

```
.border{ border-color:#37221E }
```

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



Here you see how a box with a 4 pixel #37221E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37221E; -webkit-box-shadow:4px 4px  
4px 4px #37221E; box-shadow:4px 4px 4px  
4px #37221E }
```

Background

The CSS property to change the background color of an element to Hex 37221E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37221E }
```

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

```
.background{ background-color:#37221E }
```

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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