

Converting Colors

Hex(36312D)

Have a look what the booklet for
Hex(36312D) contains.

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Color

Hex(36312D)

Conversions

Conversions Part 1	
Format	Color
Hex	36312D
RGB	54, 49, 45
RGB Percent	21%, 19%, 18%
CMY	0.7882, 0.8078, 0.8235
CMYK	0.00, 0.09, 0.17, 0.79
HSL	27°, 9%, 19%
HSV	27°, 17%, 21%
XYZ	3.0933, 3.1704, 2.9315
YIQ	50.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

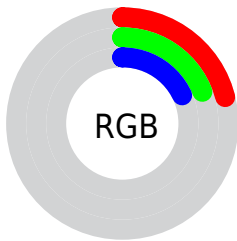
Format	Color
RYB	54, 52, 45
Decimal	3551533
CIELab	20.71, 1.39, 3.36
CIELCh	21, 3.631, 67.538
Yxy	3.1704, 0.3364, 0.3448
Android (android.graphics.Color)	4281741613 (0xFF36312D)
YUV	50.0390, -2.4842, 3.4738
Hunter-Lab	17.8055, -0.1494, 2.7022

Details

The Hex color **36312D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D3236**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **655F5B**, and **080100** is the 20% darker color. If you saturate the color by 10%, you get **362E28**, and if you desaturate by 10%, it is **363432**.

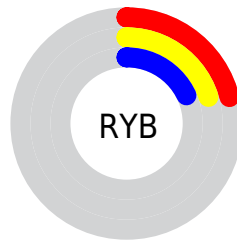
Distribution



Red (21%)

Green (19%)

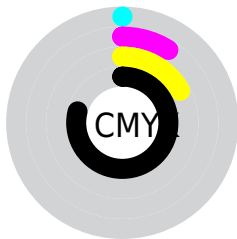
Blue (18%)



Red (21%)

Yellow (20%)

Blue (18%)

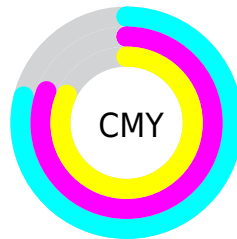


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 36312D 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 36312D by changing the saturation by 10% instead.

 36312D

 36312D

FFFFFF

 211C18

 655F5B

 080100

 7E7873

 000000

 98918D

 B2ACA7

 CEC7C2

 EAE3DE

 FFFFFB

 36312D

 36312D

 362E28

 363432

 362B22

 363738

 36281D

 363A3D

 362517

 363D43

 362212

 364048

 361F0D

 36434D

 361C07

 364653

 361902

 364958

 361800

 364C5E

Harmonies

Analogous

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



38302F



36312D



33322D

Triad

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



36312D



2C3332



333136

Complementary

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



36312D



2D3236

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.



303237



36312D



2B3335

Square

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



36312D



2D3330



2D3337



363034

Rectangle

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



36312D



31322D



2D3337



323137

Sweetspot

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



36312D



474544



362D32



242322



A3A3A3



242424

Same Dimension

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



36312D



473F39



36352D



1C1A19



5C2900



DB6100

Inverse Universe

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



2D3236



394147



2D2E36



191B1C



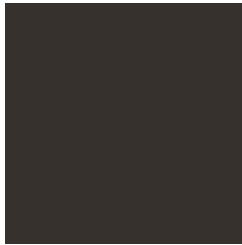
00335C



007ADB

Previews

White Background



This preview shows how the Hex color 36312D looks on a white background.

Color Contrast Check

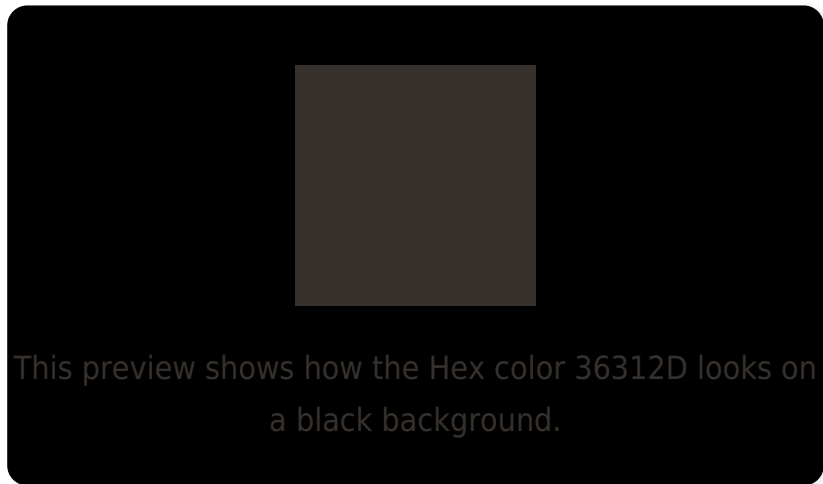
Large Text (above 18pt) WCAG AA ✓ Pass

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

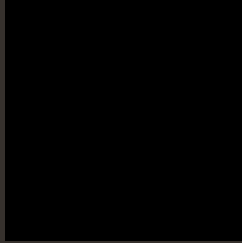
Any Text WCAG AA × Fail

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 36312D Background



This preview shows how black text looks on a background with the Hex color 36312D.

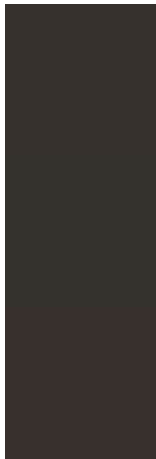


This preview shows how white text looks on a background with the Hex color 36312D.

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
36312D

Protanopia
34322D

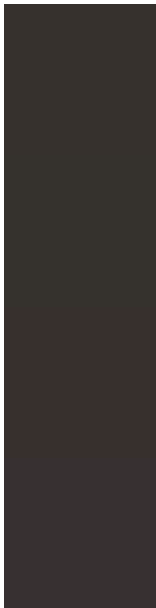
Deuteranopia
38302D



Tritanopia

373034

Trichromacy



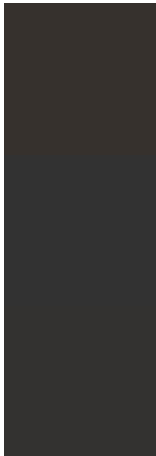
Original Color
36312D

Protanomaly
35322D

Deuteranomaly
37302D

Tritanomaly
373031

Monochromacy



Original Color
36312D

Achromatopsia
323232

Achromatomaly
333230

CSS Examples

Text

The CSS property to change the color of the text to Hex 36312D 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 #36312D looks like.

```
.text, #text, p{  
    color:#36312D  
}
```

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 #36312D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36312D
}
```

Border

The CSS property to change the border of an element to Hex 36312D 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
#36312D }
```

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

```
.border{ border-color:#36312D }
```

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

Here you see how a box with a 4 pixel #36312D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36312D; -webkit-box-shadow:4px 4px  
4px 4px #36312D; box-shadow:4px 4px 4px  
4px #36312D }
```

Background

The CSS property to change the background color of an element to Hex 36312D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36312D }
```

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

```
.background{ background-color:#36312D }
```

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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