

# Converting Colors

Hex(36312A)

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

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# Color

**Hex(36312A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36312A
RGB	54, 49, 42
RGB Percent	21%, 19%, 16%
CMY	0.7882, 0.8078, 0.8353
CMYK	0.00, 0.09, 0.22, 0.79
HSL	35°, 12%, 19%
HSV	35°, 22%, 21%
XYZ	3.0376, 3.1481, 2.6380
YIQ	49.6970, 5.2270, -1.1170

# Conversions

## Conversions Part 2

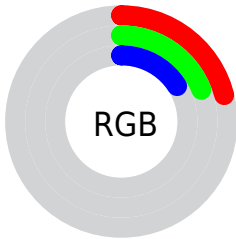
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 54, 42
Decimal	3551530
CIELab	20.63, 0.79, 5.28
CIELCh	21, 5.338, 81.438
Yxy	3.1481, 0.3443, 0.3568
Android (android.graphics.Color)	4281741610 (0xFF36312A)
YUV	49.6970, -3.7946, 3.7737
Hunter-Lab	17.7428, -0.4908, 3.6046

# Details

The Hex color **36312A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2F36**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **655F57**, and **060200** is the 20% darker color. If you saturate the color by 10%, you get **362F25**, and if you desaturate by 10%, it is **36332F**.

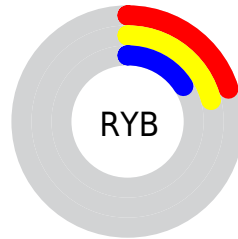
# Distribution



Red (21%)

Green (19%)

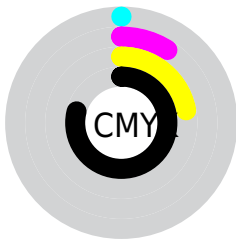
Blue (16%)



Red (20%)

Yellow (21%)

Blue (16%)

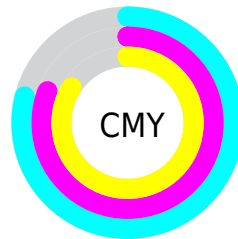


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (84%)

# Brightness & Saturation Gradients

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





36312A



36312A

FFFFFF



211C16



655F57



060200



7E7870



000000



989189



B2ACA3



CEC7BE



EAE3DA



FFFFFF7



36312A



36312A

■ 362F25

■ 36332F

■ 362D1F

■ 363535

■ 362A1A

■ 36383A

■ 362814

■ 363A40

■ 36260F

■ 363C45

■ 36240A

■ 363E4A

■ 362104

■ 364150

■ 362000

■ 364355

■ 36455B

# Harmonies

## Analogous

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



39302C



36312A



32322A

# Triad

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



36312A



283434



363037

# Complementary

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



36312A



2A2F36

# 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.



313139



36312A



293338

# Square

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



36312A



2A3430



2C3239



392F33

# Rectangle

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



36312A



2F332C



2C3239



343038



# Sweetspot

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



36312A



474542



362A2F



242321



A3A3A3



242424



# Same Dimension

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



36312A



473F34



35362A



1C1B19



5C3600



DB8000



# Inverse Universe

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



2A2F36



343C47



2B2A36



191A1C



00265C

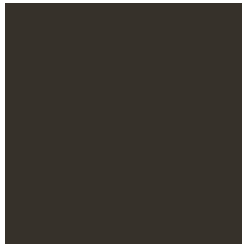


005BDB



# Previews

## White Background



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

## Color Contrast Check

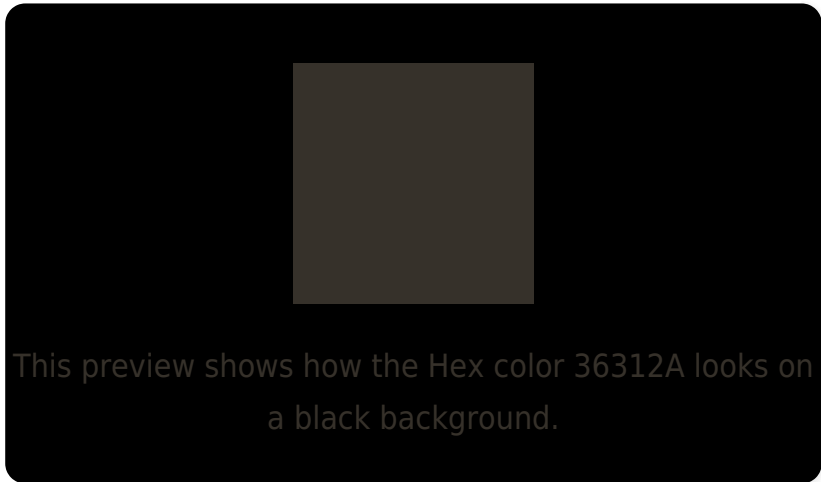
Large Text (above 18pt) WCAG AA ✓ Pass

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

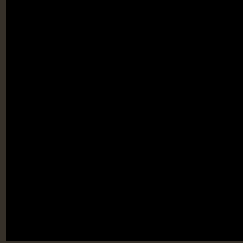
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

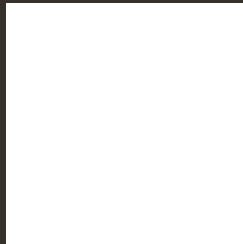
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36312A Background



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

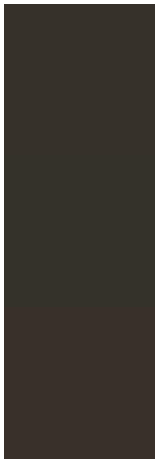


This preview shows how white text looks on a background with the Hex color 36312A.

# 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**  
36312A

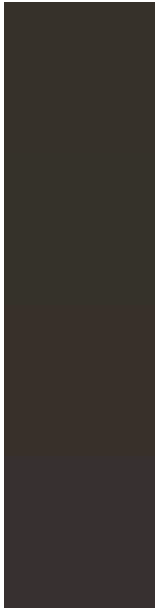
**Protanopia**  
34322A

**Deuteranopia**  
39302A



**Tritanopia**  
373033

# Trichromacy



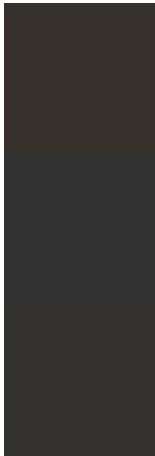
**Original Color**  
36312A

**Protanomaly**  
35322A

**Deuteranomaly**  
38302A

**Tritanomaly**  
373030

# Monochromacy



**Original Color**  
36312A

**Achromatopsia**  
323232

**Achromatomaly**  
33322F

# CSS Examples

## Text

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

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

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 #36312A colored shadow looks like.

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

## Border

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

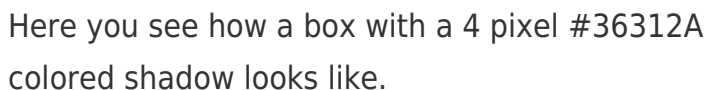
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36312A }
```

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

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

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



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

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

# Background

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

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

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

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

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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