

Converting Colors

Hex(36221C)

Have a look what the booklet for
Hex(36221C) contains.

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Color

Hex(36221C)

Conversions

Conversions Part 1

Format	Color
Hex	36221C
RGB	54, 34, 28
RGB Percent	21%, 13%, 11%
CMY	0.7882, 0.8667, 0.8902
CMYK	0.00, 0.37, 0.48, 0.79
HSL	14°, 32%, 16%
HSV	14°, 48%, 21%
XYZ	2.3029, 2.0122, 1.3656
YIQ	39.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

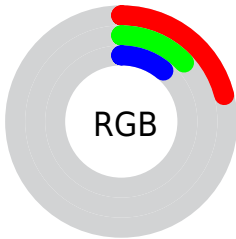
Format	Color
R_{YB}	54, 36, 28
Decimal	3547676
CIE Lab	15.55, 8.69, 7.93
CIE LCh	16, 11.763, 42.390
Yxy	2.0122, 0.4054, 0.3542
Android (android.graphics.Color)	4281737756 (0xFF36221C)
YUV	39.2960, -5.5689, 12.8954
Hunter-Lab	14.1851, 4.1556, 4.2216

Details

The Hex color **36221C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C3036**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **664E47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **361E17**, and if you desaturate by 10%, it is **362621**.

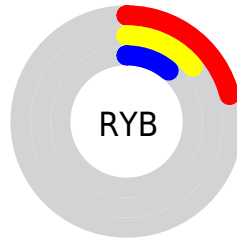
Distribution



Red (21%)

Green (13%)

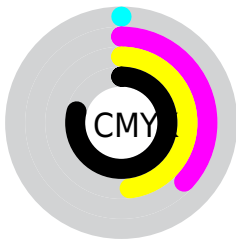
Blue (11%)



Red (21%)

Yellow (14%)

Blue (11%)

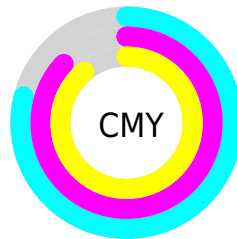


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (79%)



Cyan (79%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36221C 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 36221C by changing the saturation by 10% instead.

■ 36221C

■ 36221C

FFFFFF

■ 220D01

■ 664E47

■ 000000

■ 7F665F

■ 997F78

■ B49991

■ D0B4AC

■ EDD0C7

■ FFECE3

■ 36221C

■ 36221C

■ 361E17

■ 362621

■ 361A11

■ 362A27

■ 36160C

■ 362E2C

■ 361106

■ 363332

■ 360D01

■ 363737

■ 360C00

■ 363B3C

■ 363F42

■ 364347

■ 36474D

Harmonies

Analogous

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



372124



36221C



312517

Triad

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



36221C



162B22



212637

Complementary

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



36221C



1C3036

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.



142936



36221C



0D2B2A

Square

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



36221C



202A1A



0B2B32



2C2333

Rectangle

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



36221C



2C2716



0B2B32



1D2737

Sweetspot

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



36221C



47403D



361C30



241F1E



A3A3A3



242424

Same Dimension

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



36221C



47281E



362F1C



1C1A19



5C1500



DB3300

Inverse Universe

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



1C3036



1E3E47



1C2336



191B1C



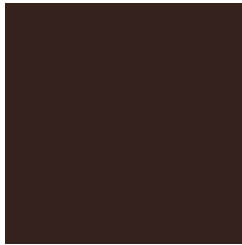
00475C



00A9DB

Previews

White Background



This preview shows how the Hex color 36221C 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

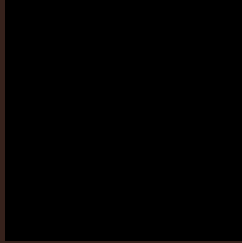
Any Text WCAG AA × Fail

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 36221C Background



This preview shows how black text looks on a background with the Hex color 36221C.

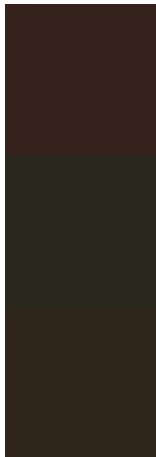


This preview shows how white text looks on a background with the Hex color 36221C.

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](#).

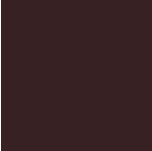
Dichromacy



Original Color
36221C

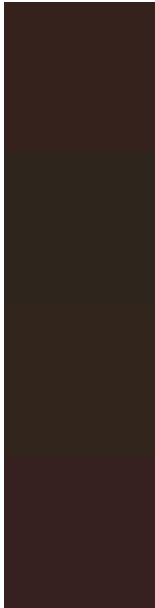
Protanopia
2A271E

Deuteranopia
2F261B



Tritanopia
372123

Trichromacy



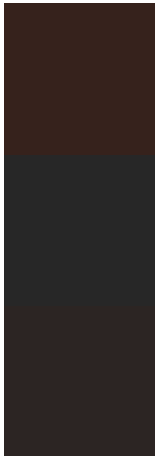
Original Color
36221C

Protanomaly
2E251D

Deuteranomaly
32251B

Tritanomaly
372120

Monochromacy



Original Color
36221C

Achromatopsia
272727

Achromatomaly
2C2523

CSS Examples

Text

The CSS property to change the color of the text to Hex 36221C 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 #36221C looks like.

```
.text, #text, p{  
    color:#36221C  
}
```

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 #36221C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36221C }  
}
```

Border

The CSS property to change the border of an element to Hex 36221C is called "border". The border property can be set on classes, ids or directly on the HTML element.

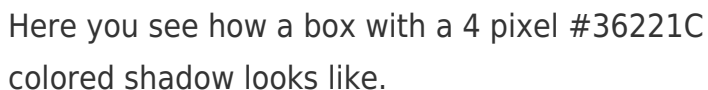
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #36221C }  
}
```

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

```
.border{ border-color:#36221C }
```

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



Here you see how a box with a 4 pixel #36221C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36221C; -webkit-box-shadow:4px 4px  
4px 4px #36221C; box-shadow:4px 4px 4px  
4px #36221C }
```

Background

The CSS property to change the background color of an element to Hex 36221C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36221C }
```

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

```
.background{ background-color:#36221C }
```

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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