

Converting Colors

Hex(33221D)

Have a look what the booklet for
Hex(33221D) contains.

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Color

Hex(33221D)

Conversions

Conversions Part 1

Format	Color
Hex	33221D
RGB	51, 34, 29
RGB Percent	20%, 13%, 11%
CMY	0.8000, 0.8667, 0.8863
CMYK	0.00, 0.33, 0.43, 0.80
HSL	14°, 28%, 16%
HSV	14°, 43%, 20%
XYZ	2.1590, 1.9366, 1.4224
YIQ	38.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

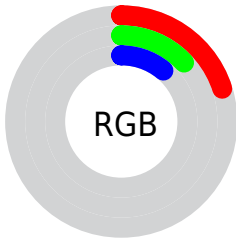
Format	Color
R_{YB}	51, 35, 29
Decimal	3351069
CIE Lab	15.15, 7.33, 6.61
CIE LCh	15, 9.870, 42.007
Yxy	1.9366, 0.3913, 0.3510
Android (android.graphics.Color)	4281541149 (0xFF33221D)
YUV	38.5130, -4.6899, 10.9511
Hunter-Lab	13.9161, 3.3406, 3.6811

Details

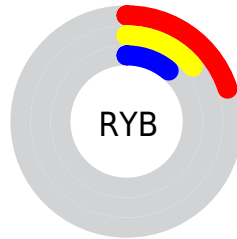
The Hex color **33221D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D2E33**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **624E48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **331E18**, and if you desaturate by 10%, it is **332622**.

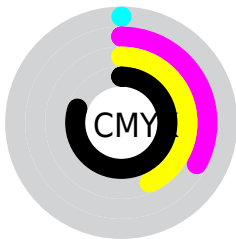
Distribution



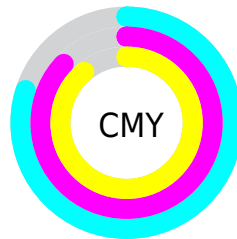
- Red (20%)
- Green (13%)
- Blue (11%)



- Red (20%)
- Yellow (14%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (80%)



- Cyan (80%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33221D 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 33221D by changing the saturation by 10% instead.

■ 33221D

■ 33221D

FFFFFF

■ 1F0C03

■ 624E48

■ 000000

■ 7B6660

■ 957F79

■ B09993

■ CCB4AD

■ E8D0C9

■ FFECE5

■ 33221D

■ 33221D

■ 331E18

■ 332622

■ 331A13

■ 332A27

■ 33160E

■ 332E2C

■ 331209

■ 333231

■ 330E03

■ 333637

■ 330C00

■ 333A3C

■ 333E41

■ 334246

■ 33454B

Harmonies

Analogous

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



342123



33221D



2F2419

Triad

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



33221D



182A21



212633

Complementary

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



33221D



1D2E33

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.



182833



33221D



122A29

Square

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



33221D



20281B



11292F



2B2330

Rectangle

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



33221D



2B2618



11292F



1E2634

Sweetspot

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



33221D



423C3A



331D2E



211D1C



A1A1A1



212121

Same Dimension

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



33221D



422820



332D1D



1A1817



591400



D93100

Inverse Universe

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



1D2E33



203A42



1D2333



17191A



004559



00A7D9

Previews

White Background



This preview shows how the Hex color 33221D looks on a white background.

Color Contrast Check

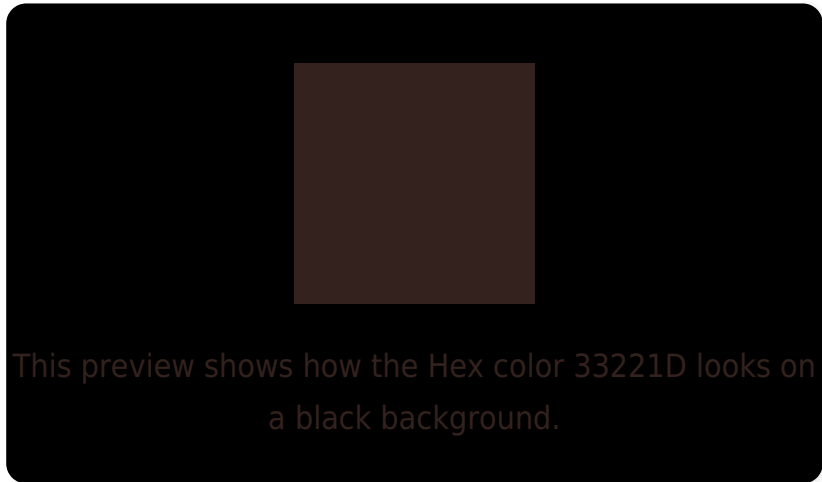
Large Text (above 18pt) WCAG AA ✓ Pass

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

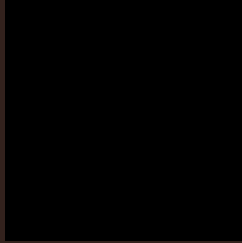
Any Text WCAG AA × Fail

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 33221D Background



This preview shows how black text looks on a background with the Hex color 33221D.



This preview shows how white text looks on a background with the Hex color 33221D.

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
33221D

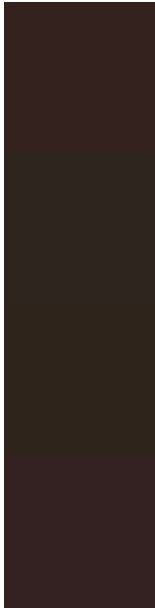
Protanopia
29261F

Deuteranopia
2D251C



Tritanopia
342124

Trichromacy



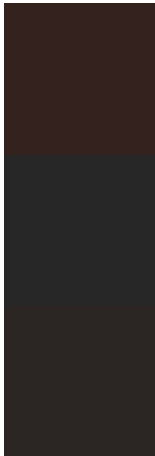
Original Color
33221D

Protanomaly
2D251E

Deuteranomaly
2F241C

Tritanomaly
342121

Monochromacy



Original Color
33221D

Achromatopsia
272727

Achromatomaly
2B2523

CSS Examples

Text

The CSS property to change the color of the text to Hex 33221D 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 #33221D looks like.

```
.text, #text, p{  
    color:#33221D  
}
```

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 #33221D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33221D
}
```

Border

The CSS property to change the border of an element to Hex 33221D is called "border". The border property can be set on classes, ids or directly on the HTML element.

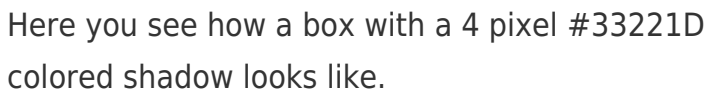
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33221D }
```

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

```
.border{ border-color:#33221D }
```

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



Here you see how a box with a 4 pixel #33221D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33221D; -webkit-box-shadow:4px 4px  
4px 4px #33221D; box-shadow:4px 4px 4px  
4px #33221D }
```

Background

The CSS property to change the background color of an element to Hex 33221D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33221D }
```

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

```
.background{ background-color:#33221D }
```

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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