

# Converting Colors

Hex(34251B)

Have a look what the booklet for  
Hex(34251B) contains.

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# Color

**Hex(34251B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34251B
RGB	52, 37, 27
RGB Percent	20%, 15%, 11%
CMY	0.7961, 0.8549, 0.8941
CMYK	0.00, 0.29, 0.48, 0.80
HSL	24°, 32%, 15%
HSV	24°, 48%, 20%
XYZ	2.2756, 2.1323, 1.3286
YIQ	40.3450, 12.1500, 0.0700

# Conversions

## Conversions Part 2

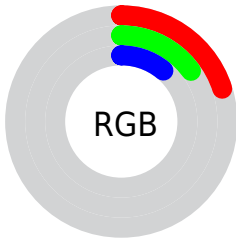
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 44, 27
Decimal	3417371
CIELab	16.17, 5.46, 9.42
CIElCh	16, 10.884, 59.906
Yxy	2.1323, 0.3967, 0.3717
Android (android.graphics.Color)	4281607451 (0xFF34251B)
YUV	40.3450, -6.5791, 10.2214
Hunter-Lab	14.6025, 2.2620, 4.8275

# Details

The Hex color **34251B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2A34**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **635246**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342216**, and if you desaturate by 10%, it is **342820**.

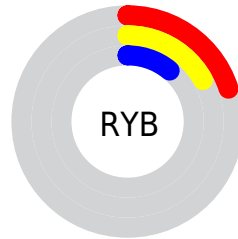
# Distribution



Red (20%)

Green (15%)

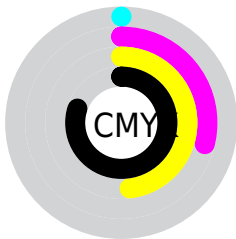
Blue (11%)



Red (20%)

Yellow (17%)

Blue (11%)

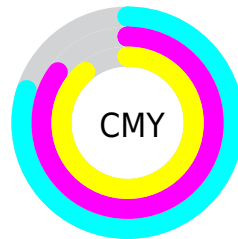


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34251B 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 34251B by changing the saturation by 10% instead.





34251B



34251B

FFFFFF



201000



635246



000000



7D6A5E



978377



B29D90



CDB8AB



E9D4C6



FFF0E2



34251B



34251B

■ 342216

■ 342820

■ 341F11

■ 342B25

■ 341C0B

■ 342E2B

■ 341906

■ 343130

■ 341501

■ 343535

■ 341500

■ 34383A

■ 343B3F

■ 343E45

■ 34414A

# Harmonies

## Analogous

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



372321



34251B



2E2819

# Triad

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



34251B



142C28



292635

# Complementary

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



34251B



1B2A34

# 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.



1E2937



34251B



102C30

# Square

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



34251B



1C2C20



142B35



322430

# Rectangle

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



34251B



282919



142B35



262737



# Sweetspot

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



34251B



453F3B



341B2A



24201E



A3A3A3



242424



# Same Dimension

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



34251B



452D1D



34311B



1A1817



592400



D95700



# Inverse Universe

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



1B2A34



1D3545



1B1D34



17181A



003659

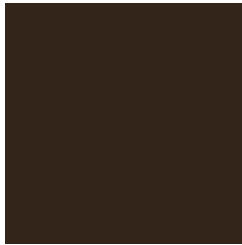


0082D9



# Previews

## White Background



This preview shows how the Hex color 34251B 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

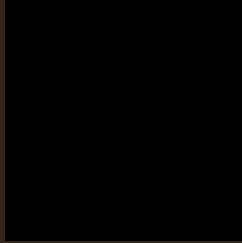
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34251B Background



This preview shows how black text looks on a background with the Hex color 34251B.

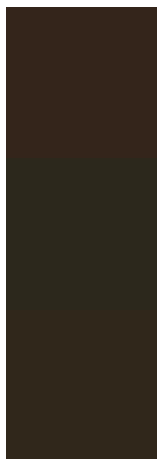


This preview shows how white text looks on a background with the Hex color 34251B.

# 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**  
34251B

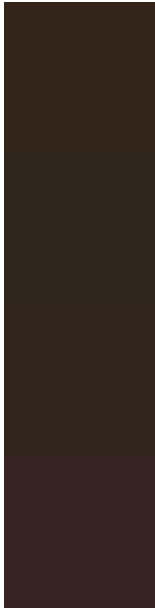
**Protanopia**  
2C281C

**Deuteranopia**  
30271B



**Tritanopia**  
352426

# Trichromacy



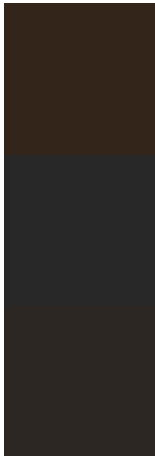
**Original Color**  
34251B

**Protanomaly**  
2F271C

**Deuteranomaly**  
31261B

**Tritanomaly**  
352422

# Monochromacy



**Original Color**  
34251B

**Achromatopsia**  
282828

**Achromatomaly**  
2C2723

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34251B 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 #34251B looks like.

```
.text, #text, p{  
    color:#34251B  
}
```

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 #34251B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34251B
}
```

## Border

The CSS property to change the border of an element to Hex 34251B is called "border". The border property can be set on classes, ids or directly on the HTML element.

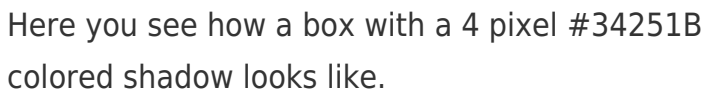
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34251B }
```

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

```
.border{ border-color:#34251B }
```

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



Here you see how a box with a 4 pixel #34251B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34251B; -webkit-box-shadow:4px 4px  
4px 4px #34251B; box-shadow:4px 4px 4px  
4px #34251B }
```

# Background

The CSS property to change the background color of an element to Hex 34251B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34251B }
```

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

```
.background{ background-color:#34251B }
```

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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