

Converting Colors

Hex(31251D)

Have a look what the booklet for
Hex(31251D) contains.

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Color

Hex(31251D)

Conversions

Conversions Part 1

Format	Color
Hex	31251D
RGB	49, 37, 29
RGB Percent	19%, 15%, 11%
CMY	0.8078, 0.8549, 0.8863
CMYK	0.00, 0.24, 0.41, 0.81
HSL	24°, 26%, 15%
HSV	24°, 41%, 19%
XYZ	2.1500, 2.0648, 1.4476
YIQ	39.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

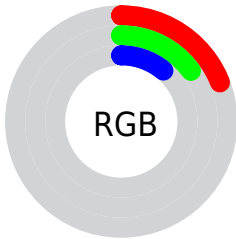
Format	Color
RYB	49, 42, 29
Decimal	3220765
CIELab	15.82, 4.23, 7.49
CIElCh	16, 8.603, 60.513
Yxy	2.0648, 0.3797, 0.3647
Android (android.graphics.Color)	4281410845 (0xFF31251D)
YUV	39.6760, -5.2633, 8.1771
Hunter-Lab	14.3695, 1.5607, 4.0855

Details

The Hex color **31251D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D2931**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **605249**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **312218**, and if you desaturate by 10%, it is **312822**.

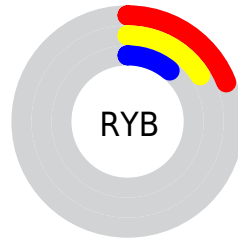
Distribution



Red (19%)

Green (15%)

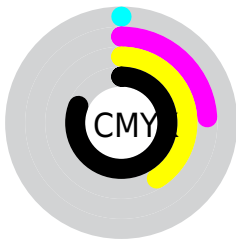
Blue (11%)



Red (19%)

Yellow (16%)

Blue (11%)

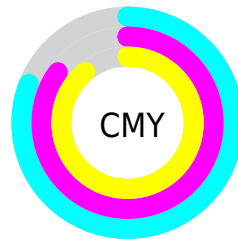


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31251D 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 31251D by changing the saturation by 10% instead.

■ 31251D

■ 31251D

FFFFFF

■ 1D1003

■ 605249

■ 000000

■ 796A60

■ 938379

■ AD9D93

■ C9B8AD

■ E5D3C9

■ FFF0E5

■ 31251D

■ 31251D

■ 312218

■ 312822

■ 311F13

■ 312B27

■ 311C0E

■ 312E2C

■ 311909

■ 313131

■ 311604

■ 313436

■ 311400

■ 31373A

■ 313A3F

■ 313D44

■ 313F49

Harmonies

Analogous

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



342321



31251D



2C271B

Triad

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



31251D



182B27



292632

Complementary

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



31251D



1D2931

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.



202833



31251D



162B2D

Square

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



31251D



1E2A21



192A32



2F242D

Rectangle

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



31251D



28281C



192A32



262733

Sweetspot

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



31251D



403B38



311D29



211E1D



A1A1A1



212121

Same Dimension

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



31251D



402D21



312F1D



1A1817



592400



D95700

Inverse Universe

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



1D2931



213340



1D1F31



17181A



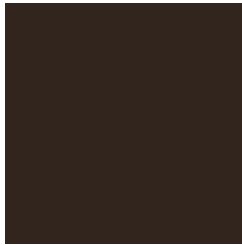
003659



0082D9

Previews

White Background



This preview shows how the Hex color 31251D 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

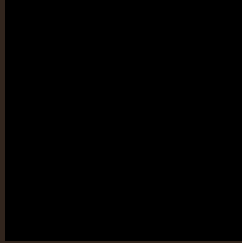
Any Text WCAG AA × Fail

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 31251D Background



This preview shows how black text looks on a background with the Hex color 31251D.



This preview shows how white text looks on a background with the Hex color 31251D.

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](#).

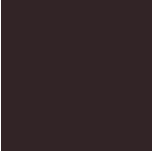
Dichromacy



Original Color
31251D

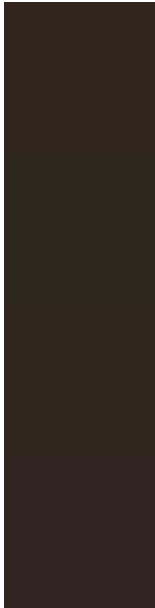
Protanopia
2A281E

Deuteranopia
2F261D



Tritanopia
322426

Trichromacy



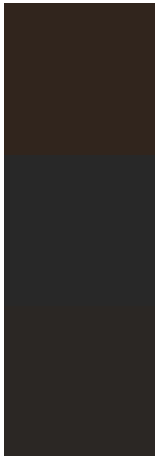
Original Color
31251D

Protanomaly
2D271E

Deuteranomaly
30261D

Tritanomaly
322423

Monochromacy



Original Color
31251D

Achromatopsia
282828

Achromatomaly
2B2724

CSS Examples

Text

The CSS property to change the color of the text to Hex 31251D 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 #31251D looks like.

```
.text, #text, p{  
    color:#31251D  
}
```

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 #31251D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31251D
}
```

Border

The CSS property to change the border of an element to Hex 31251D is called "border". The border property can be set on classes, ids or directly on the HTML element.

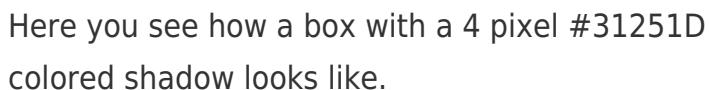
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31251D }
```

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

```
.border{ border-color:#31251D }
```

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



Here you see how a box with a 4 pixel #31251D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31251D; -webkit-box-shadow:4px 4px  
4px 4px #31251D; box-shadow:4px 4px 4px  
4px #31251D }
```

Background

The CSS property to change the background color of an element to Hex 31251D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31251D }
```

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

```
.background{ background-color:#31251D }
```

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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