

Converting Colors

Hex(321C1F)

Have a look what the booklet for
Hex(321C1F) contains.

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Color

Hex(321C1F)

Conversions

Conversions Part 1

Format	Color
Hex	321C1F
RGB	50, 28, 31
RGB Percent	20%, 11%, 12%
CMY	0.8039, 0.8902, 0.8784
CMYK	0.00, 0.44, 0.38, 0.80
HSL	352°, 28%, 15%
HSV	352°, 44%, 20%
XYZ	1.9780, 1.6075, 1.5024
YIQ	34.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

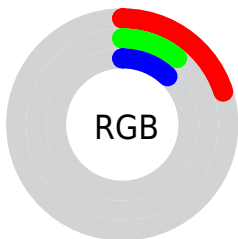
Format	Color
R_{YB}	50, 28, 31
Decimal	3283999
CIE _{Lab}	13.28, 11.34, 2.51
CIE _{LCh}	13, 11.614, 12.462
Yxy	1.6075, 0.3888, 0.3160
Android (android.graphics.Color)	4281474079 (0xFF321C1F)
YUV	34.9200, -1.9326, 13.2252
Hunter-Lab	12.6789, 5.6588, 1.8498

Details

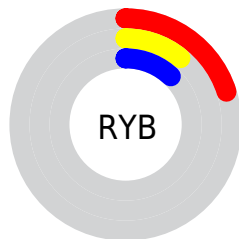
The Hex color **321C1F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C322F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **61484B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **32171B**, and if you desaturate by 10%, it is **322123**.

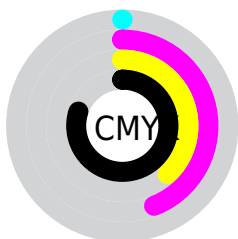
Distribution



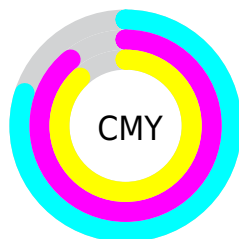
- Red (20%)
- Green (11%)
- Blue (12%)



- Red (20%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (38%)
- Black (80%)



- Cyan (80%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321C1F 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 321C1F by changing the saturation by 10% instead.

■ 321C1F

■ 321C1F

FFFFFF

■ 1F0306

■ 61484B

■ 000000

■ 7A6062

■ 94787B

■ AF9295

■ CBADB0

■ E7C8CB

■ FFE4E7

■ 321C1F

■ 321C1F

■ 32171B

■ 322123

■ 321216

■ 322628

■ 320D12

■ 322B2C

■ 32080E

■ 323030

■ 320309

■ 323535

■ 320007

■ 323A39

■ 323F3D

■ 324442

■ 324946

Harmonies

Analogous

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



2F1D27



321C1F



311D18

Triad

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



321C1F



1B2516



0F2431

Complementary

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



321C1F



1C322F

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.



06262D



321C1F



12261D

Square

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



321C1F



242312



082725



1C2232

Rectangle

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



321C1F



2E1F14



082725



0C2530

Sweetspot

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



321C1F



403739



2F1C32



211C1D



A1A1A1



212121

Same Dimension

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



321C1F



401E23



32241C



1A1717



59000C



D9001E

Inverse Universe

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



321C1F



401E23



1C2A32



1A1717



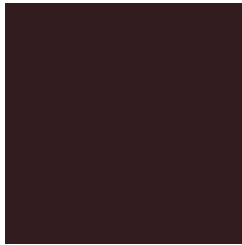
59000C



D9001E

Previews

White Background



This preview shows how the Hex color 321C1F looks on a white background.

Color Contrast Check

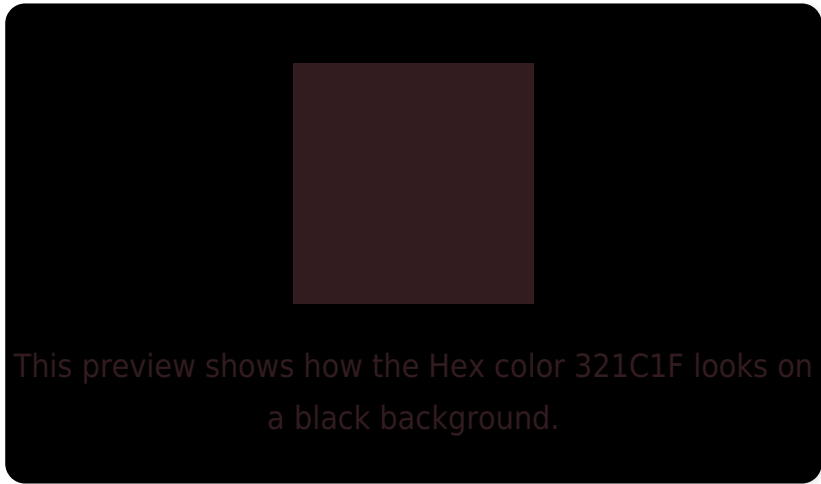
Large Text (above 18pt) WCAG AA ✓ Pass

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

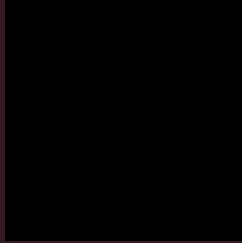
Any Text WCAG AA × Fail

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 321C1F Background



This preview shows how black text looks on a background with the Hex color 321C1F.

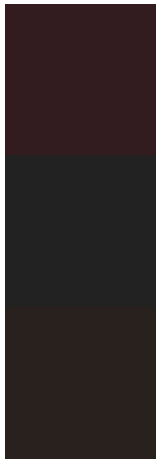


This preview shows how white text looks on a background with the Hex color 321C1F.

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
321C1F

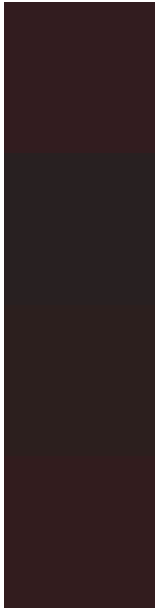
Protanopia
232222

Deuteranopia
28211E



Tritanopia
321C1E

Trichromacy



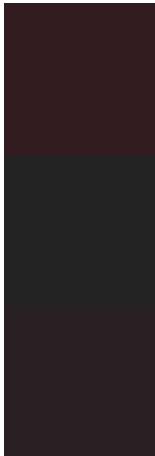
Original Color
321C1F

Protanomaly
282021

Deuteranomaly
2C1F1E

Tritanomaly
321C1E

Monochromacy



Original Color
321C1F

Achromatopsia
232323

Achromatomaly
282022

CSS Examples

Text

The CSS property to change the color of the text to Hex 321C1F 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 #321C1F looks like.

```
.text, #text, p{  
    color:#321C1F  
}
```

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 #321C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321C1F
}
```

Border

The CSS property to change the border of an element to Hex 321C1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

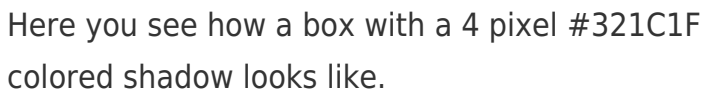
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#321C1F }
```

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

```
.border{ border-color:#321C1F }
```

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



Here you see how a box with a 4 pixel #321C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321C1F; -webkit-box-shadow:4px 4px  
4px 4px #321C1F; box-shadow:4px 4px 4px  
4px #321C1F }
```

Background

The CSS property to change the background color of an element to Hex 321C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321C1F }
```

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

```
.background{ background-color:#321C1F }
```

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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