

Converting Colors

Hex(321C1B)

Have a look what the booklet for
Hex(321C1B) contains.

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Color

Hex(321C1B)

Conversions

Conversions Part 1

Format	Color
Hex	321C1B
RGB	50, 28, 27
RGB Percent	20%, 11%, 11%
CMY	0.8039, 0.8902, 0.8941
CMYK	0.00, 0.44, 0.46, 0.80
HSL	3°, 30%, 15%
HSV	3°, 46%, 20%
XYZ	1.9285, 1.5877, 1.2417
YIQ	34.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

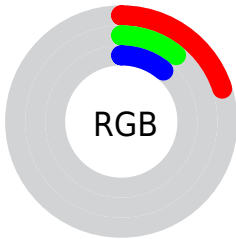
Format	Color
RYB	50, 28, 27
Decimal	3283995
CIELab	13.16, 10.70, 5.25
CIELCh	13, 11.922, 26.128
Yxy	1.5877, 0.4053, 0.3337
Android (android.graphics.Color)	4281474075 (0xFF321C1B)
YUV	34.4640, -3.6798, 13.6251
Hunter-Lab	12.6006, 5.2678, 2.9776

Details

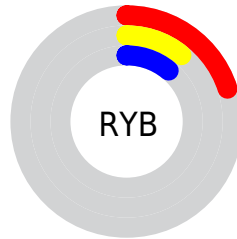
The Hex color **321C1B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B3132**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **614846**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **321716**, and if you desaturate by 10%, it is **322120**.

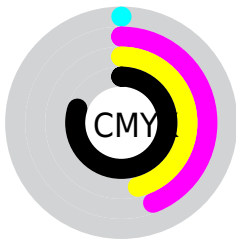
Distribution



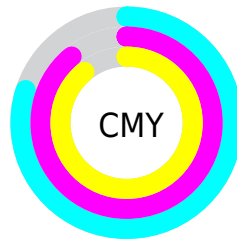
- Red (20%)
- Green (11%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 321C1B 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 321C1B by changing the saturation by 10% instead.



321C1B



321C1B

FFFFFFE



1F0300



614846



000000



7B605E



957876



B09290



CBADAA



E8C8C6



FFE4E2



321C1B



321C1B

■ 321716

■ 322120

■ 321211

■ 322625

■ 320E0C

■ 322A2A

■ 320907

■ 322F2F

■ 320402

■ 323434

■ 320200

■ 323939

■ 323D3E

■ 324243

■ 324748

Harmonies

Analogous

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



311C23



321C1B



2F1E14

Triad

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



321C1B



162518



152332

Complementary

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



321C1B



1B3132

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.



08252F



321C1B



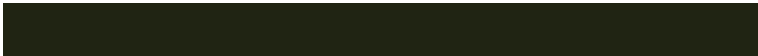
0C2620

Square

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



321C1B



202413



052629



212031

Rectangle

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



321C1B



2B2012



052629



102432

Sweetspot

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



321C1B



403737



321B31



211C1C



A1A1A1



212121

Same Dimension

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



321C1B



401E1D



32271B



1A1717



590400



D90900

Inverse Universe

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



1B3132



1D3E40



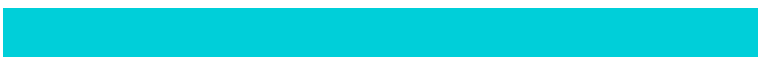
1B2632



17191A



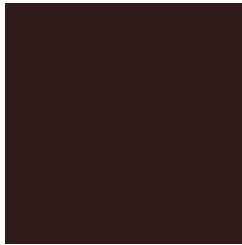
005559



00CFD9

Previews

White Background



This preview shows how the Hex color 321C1B looks on a white background.

Color Contrast Check

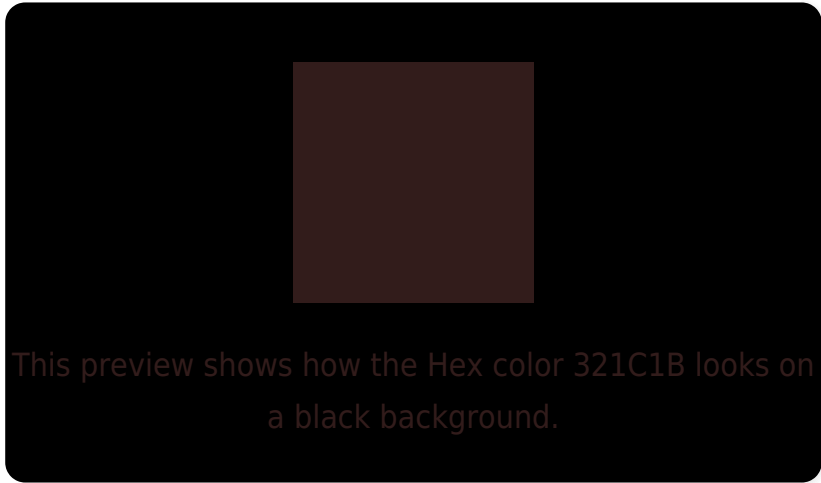
Large Text (above 18pt) WCAG AA ✓ Pass

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 321C1B Background



This preview shows how black text looks on a background with the Hex color 321C1B.

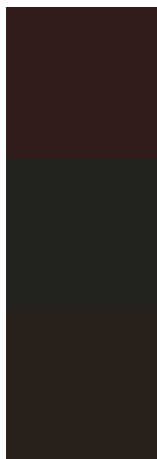


This preview shows how white text looks on a background with the Hex color 321C1B.

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](#).

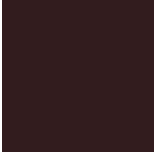
Dichromacy



Original Color
321C1B

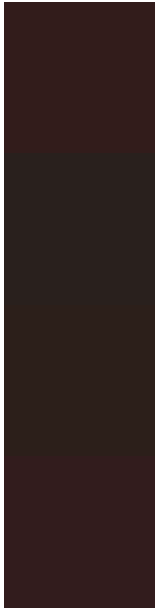
Protanopia
24221E

Deuteranopia
28211A



Tritanopia
321C1E

Trichromacy



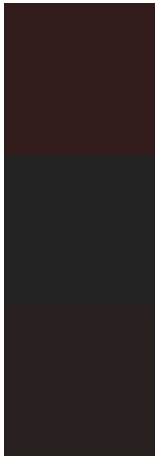
Original Color
321C1B

Protanomaly
29201D

Deuteranomaly
2C1F1A

Tritanomaly
321C1D

Monochromacy



Original Color
321C1B

Achromatopsia
222222

Achromatomaly
28201F

CSS Examples

Text

The CSS property to change the color of the text to Hex 321C1B 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 #321C1B looks like.

```
.text, #text, p{  
    color:#321C1B  
}
```

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 #321C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321C1B
}
```

Border

The CSS property to change the border of an element to Hex 321C1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

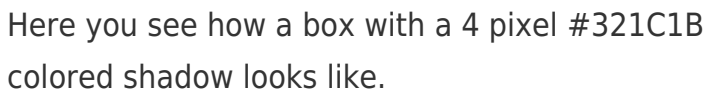
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#321C1B }
```

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

```
.border{ border-color:#321C1B }
```

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



Here you see how a box with a 4 pixel #321C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321C1B; -webkit-box-shadow:4px 4px  
4px 4px #321C1B; box-shadow:4px 4px 4px  
4px #321C1B }
```

Background

The CSS property to change the background color of an element to Hex 321C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321C1B }
```

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

```
.background{ background-color:#321C1B }
```

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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