

Converting Colors

Hex(321E14)

Have a look what the booklet for
Hex(321E14) contains.

Hex(321E14)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(321E14)

Conversions

Conversions Part 1

Format	Color
Hex	321E14
RGB	50, 30, 20
RGB Percent	20%, 12%, 8%
CMY	0.8039, 0.8824, 0.9216
CMYK	0.00, 0.40, 0.60, 0.80
HSL	20°, 43%, 14%
HSV	20°, 60%, 20%
XYZ	1.9059, 1.6572, 0.8812
YIQ	34.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

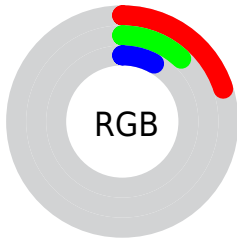
Format	Color
R_{YB}	50, 35, 20
Decimal	3284500
CIE Lab	13.57, 8.36, 10.80
CIE LCh	14, 13.660, 52.240
Yxy	1.6572, 0.4288, 0.3729
Android (android.graphics.Color)	4281474580 (0xFF321E14)
YUV	34.8400, -7.3161, 13.2953
Hunter-Lab	12.8731, 3.9000, 4.9524

Details

The Hex color **321E14** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **142832**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **624A3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **321B0F**, and if you desaturate by 10%, it is **322119**.

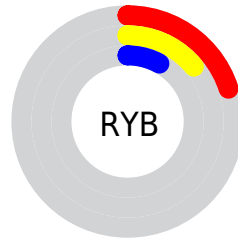
Distribution



Red (20%)

Green (12%)

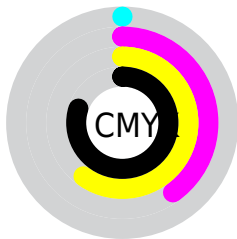
Blue (8%)



Red (20%)

Yellow (14%)

Blue (8%)

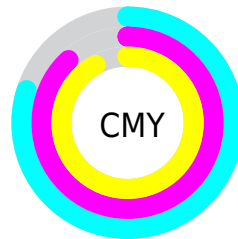


Cyan (0%)

Magenta (40%)

Yellow (60%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321E14 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 321E14 by changing the saturation by 10% instead.

■ 321E14

■ 321E14

■ FFFFF5

■ 1E0600

■ 624A3E

■ 000000

■ 7B6256

■ 957A6E

■ B09487

■ CCAFA1

■ E8CABC

■ FFE6D8

■ 321E14

■ 321E14

■ 321B0F

■ 322119

■ 32170A

■ 32251E

■ 321405

■ 322823

■ 321100

■ 322B28

■ 322F2D

■ 323232

■ 323537

■ 32393C

■ 323C41

Harmonies

Analogous

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



351C1C



321E14



2B210F

Triad

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



321E14



0A2820



202134

Complementary

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



321E14



142832

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.



102435



321E14



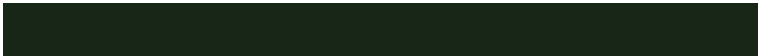
00282A

Square

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



321E14



172617



012731



2C1E2E

Rectangle

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



321E14



25230F



012731



1B2235

Sweetspot

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



321E14



403834



321428



211C1A



A1A1A1



212121

Same Dimension

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



321E14



402112



322D14



1A1817



591E00



D94800

Inverse Universe

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



142832



123040



141932



17191A



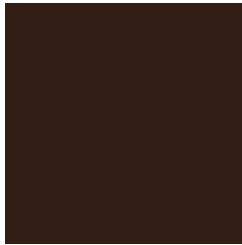
003B59



0090D9

Previews

White Background



This preview shows how the Hex color 321E14 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

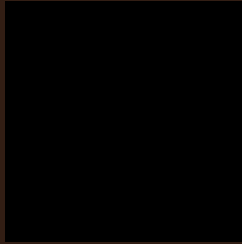
Any Text WCAG AA × Fail

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 321E14 Background



This preview shows how black text looks on a background with the Hex color 321E14.

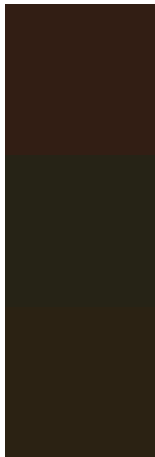


This preview shows how white text looks on a background with the Hex color 321E14.

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](#).

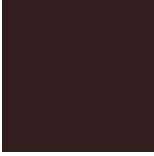
Dichromacy



Original Color
321E14

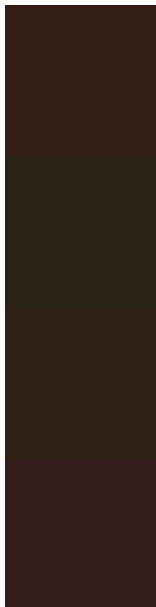
Protanopia
262316

Deuteranopia
2B2213



Tritanopia
331D1F

Trichromacy



Original Color

321E14

Protanomaly

2A2115

Deuteranomaly

2E2113

Tritanomaly

331D1B

Monochromacy



Original Color

321E14

Achromatopsia

232323

Achromatomaly

28211E

CSS Examples

Text

The CSS property to change the color of the text to Hex 321E14 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 #321E14 looks like.

```
.text, #text, p{  
    color:#321E14  
}
```

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 #321E14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321E14
}
```

Border

The CSS property to change the border of an element to Hex 321E14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

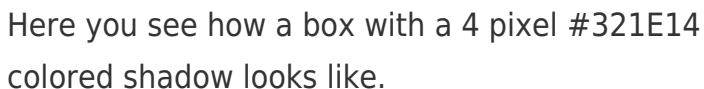
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#321E14 }
```

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

```
.border{ border-color:#321E14 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #321E14 hex code mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #321E14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321E14; -webkit-box-shadow:4px 4px  
4px 4px #321E14; box-shadow:4px 4px 4px  
4px #321E14 }
```

Background

The CSS property to change the background color of an element to Hex 321E14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321E14 }
```

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

```
.background{ background-color:#321E14 }
```

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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