

Converting Colors

Hex(321D0D)

Have a look what the booklet for
Hex(321D0D) contains.

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Color

Hex(321D0D)

Conversions

Conversions Part 1

Format	Color
Hex	321D0D
RGB	50, 29, 13
RGB Percent	20%, 11%, 5%
CMY	0.8039, 0.8863, 0.9490
CMYK	0.00, 0.42, 0.74, 0.80
HSL	26°, 59%, 12%
HSV	26°, 74%, 20%
XYZ	1.8274, 1.5859, 0.5906
YIQ	33.4550, 17.6520, -0.5240

Conversions

Conversions Part 2

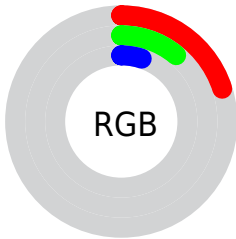
Format	Color
R_{YB}	50, 41, 13
Decimal	3284237
CIE Lab	13.14, 8.33, 14.22
CIE LCh	13, 16.474, 59.639
Yxy	1.5859, 0.4564, 0.3961
Android (android.graphics.Color)	4281474317 (0xFF321D0D)
YUV	33.4550, -10.0843, 14.5100
Hunter-Lab	12.5932, 3.8639, 6.0348

Details

The Hex color **321D0D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0D2232**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **624938**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **321A08**, and if you desaturate by 10%, it is **322012**.

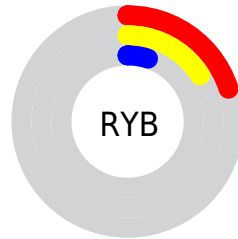
Distribution



Red (20%)

Green (11%)

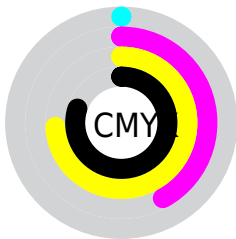
Blue (5%)



Red (20%)

Yellow (16%)

Blue (5%)

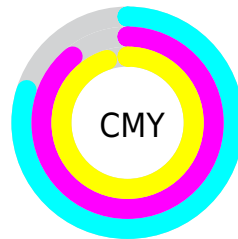


Cyan (0%)

Magenta (42%)

Yellow (74%)

Black (80%)



Cyan (80%)


Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321D0D 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 321D0D by changing the saturation by 10% instead.

 321D0D

 321D0D

 FFFFED

 1D0400

 624938

 000000

 7C604F

 967967

 B19380

 CDAE9A

 E9C9B5

 FFE5D0

 321D0D

 321D0D

■ 321A08

■ 322012

■ 321703

■ 322317

■ 321600

■ 32261C

■ 322821

■ 322B26

■ 322E2B

■ 323130

■ 323435

■ 32373A

Harmonies

Analogous

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



371917



321D0D



292107

Triad

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



321D0D



002821



221F36

Complementary

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



321D0D



0D2232

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.



0D2339



321D0D



00272D

Square

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



321D0D



0F2716



002635



301B2E

Rectangle

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



321D0D



222309



002635



1C2037

Sweetspot

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



321D0D



403832



320D23



211C19



A1A1A1



212121

Same Dimension

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



321D0D



402007



322F0D



1A1817



592700



D95E00

Inverse Universe

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



0D2232



072740



0D1032



17181A



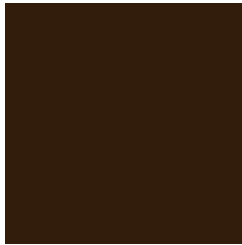
003359



007BD9

Previews

White Background



This preview shows how the Hex color 321D0D looks on a white background.

Color Contrast Check

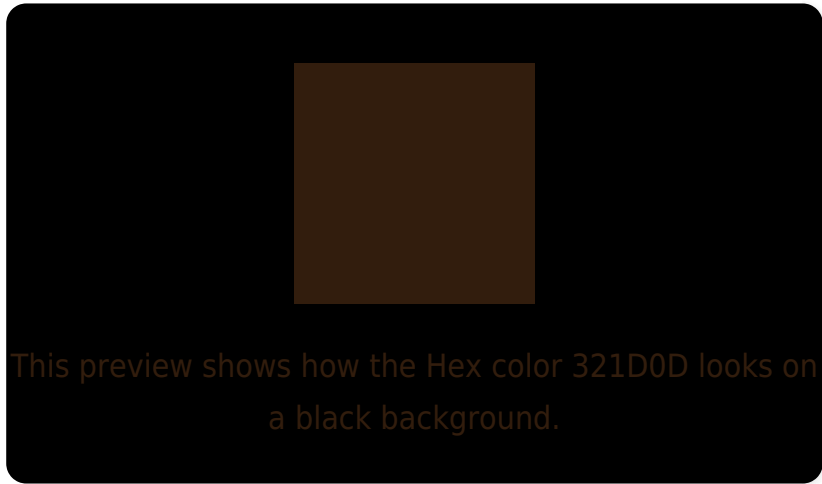
Large Text (above 18pt) WCAG AA ✓ Pass

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

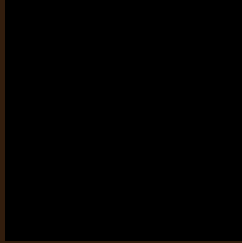
Any Text WCAG AA × Fail

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 321D0D Background



This preview shows how black text looks on a background with the Hex color 321D0D.

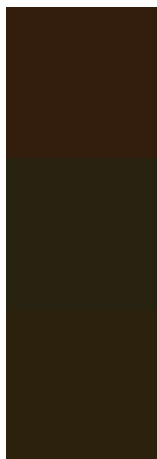


This preview shows how white text looks on a background with the Hex color 321D0D.

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

321D0D

Protanopia

26220F

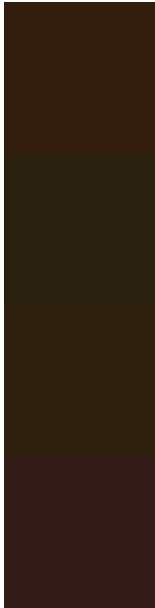
Deuteranopia

2B210C



Tritanopia
331B1D

Trichromacy



Original Color
321D0D

Protanomaly
2A200E

Deuteranomaly
2E200C

Tritanomaly
331C17

Monochromacy



Original Color
321D0D

Achromatopsia
212121

Achromatomaly
27201A

CSS Examples

Text

The CSS property to change the color of the text to Hex 321D0D 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 #321D0D looks like.

```
.text, #text, p{  
    color:#321D0D  
}
```

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 #321D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321D0D
}
```

Border

The CSS property to change the border of an element to Hex 321D0D 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
#321D0D }
```

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

```
.border{ border-color:#321D0D }
```

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

Here you see how a box with a 4 pixel #321D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321D0D; -webkit-box-shadow:4px 4px  
4px 4px #321D0D; box-shadow:4px 4px 4px  
4px #321D0D }
```

Background

The CSS property to change the background color of an element to Hex 321D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321D0D }
```

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

```
.background{ background-color:#321D0D }
```

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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