

Converting Colors

Hex(321A08)

Have a look what the booklet for
Hex(321A08) contains.

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Color

Hex(321A08)

Conversions

Conversions Part 1

Format	Color
Hex	321A08
RGB	50, 26, 8
RGB Percent	20%, 10%, 3%
CMY	0.8039, 0.8980, 0.9686
CMYK	0.00, 0.48, 0.84, 0.80
HSL	26°, 72%, 11%
HSV	26°, 84%, 20%
XYZ	1.7286, 1.4344, 0.4155
YIQ	31.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

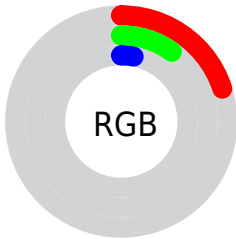
Format	Color
R_{YB}	50, 40, 8
Decimal	3283464
CIE _{Lab}	12.18, 10.00, 15.07
CIE _{LCh}	12, 18.084, 56.420
Yxy	1.4344, 0.4831, 0.4008
Android (android.graphics.Color)	4281473544 (0xFF321A08)
YUV	31.1240, -11.4001, 16.5543
Hunter-Lab	11.9768, 4.8037, 6.3269

Details

The Hex color **321A08** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **082032**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **624535**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **321703**, and if you desaturate by 10%, it is **321D0D**.

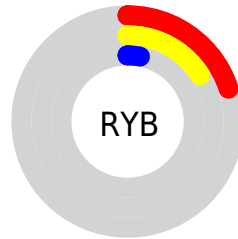
Distribution



Red (20%)

Green (10%)

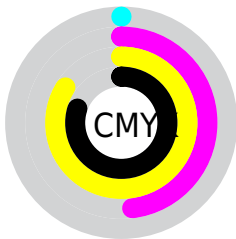
Blue (3%)



Red (20%)

Yellow (16%)

Blue (3%)

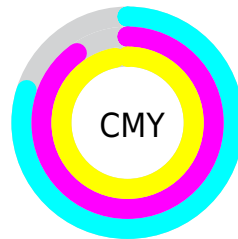


Cyan (0%)

Magenta (48%)

Yellow (84%)

Black (80%)



Cyan (80%)

Magenta (90%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321A08 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 321A08 by changing the saturation by 10% instead.

 321A08

 321A08

 FFFEE8

 1C0000

 624535

 000000

 7C5D4B

 967663

 B18F7C

 CDAA96

 EAC5B1

 FFE1CC

 321A08

 321A08

■ 321703

■ 321D0D

■ 321500

■ 322012

■ 322317

■ 32251C

■ 322821

■ 322B26

■ 322E2B

■ 323130

■ 323435

Harmonies

Analogous

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



371615



321A08



291F00

Triad

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



321A08



00261E



1E1D36

Complementary

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



321A08



082032

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.



032239



321A08



00262B

Square

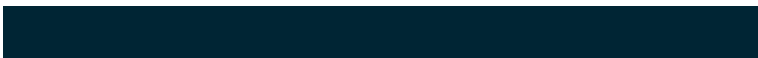
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



321A08



0C2511



002534



2E182E

Rectangle

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



321A08



212101



002534



171F38

Sweetspot

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



321A08



403730



320820



211B17



A1A1A1



212121

Same Dimension

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



321A08



401B00



322F08



1A1817



592600



D95D00

Inverse Universe

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



082032



002440



080B32



17181A



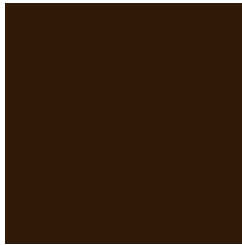
003359



007CD9

Previews

White Background



This preview shows how the Hex color 321A08 looks on a white background.

Color Contrast Check

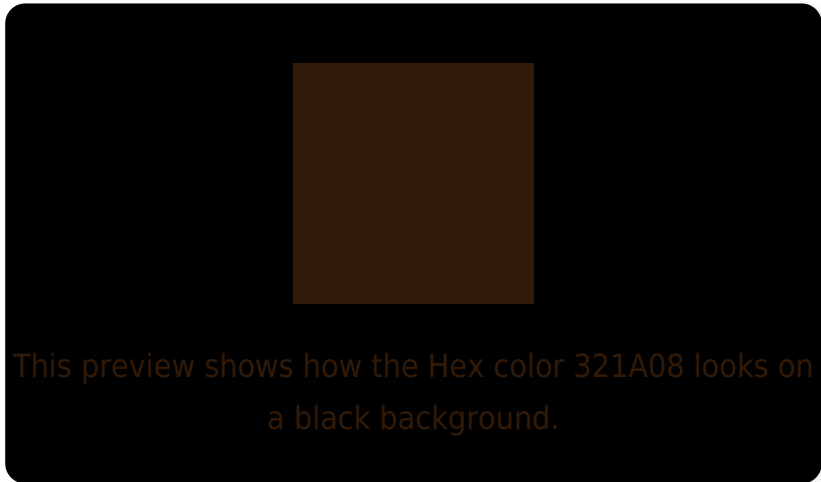
Large Text (above 18pt) WCAG AA ✓ Pass

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

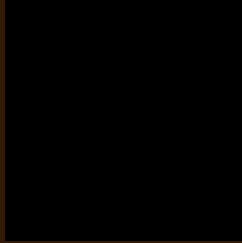
Any Text WCAG AA × Fail

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 321A08 Background



This preview shows how black text looks on a background with the Hex color 321A08.

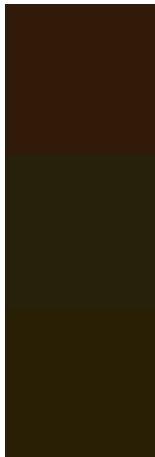


This preview shows how white text looks on a background with the Hex color 321A08.

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
321A08

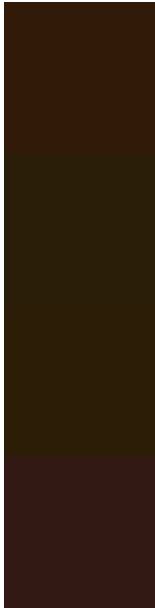
Protanopia
25210A

Deuteranopia
291F05



Tritanopia
33181A

Trichromacy



Original Color
321A08

Protanomaly
2A1E09

Deuteranomaly
2C1D06

Tritanomaly
331913

Monochromacy



Original Color
321A08

Achromatopsia
1F1F1F

Achromatomaly
261D17

CSS Examples

Text

The CSS property to change the color of the text to Hex 321A08 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 #321A08 looks like.

```
.text, #text, p{  
    color:#321A08  
}
```

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 #321A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321A08
}
```

Border

The CSS property to change the border of an element to Hex 321A08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

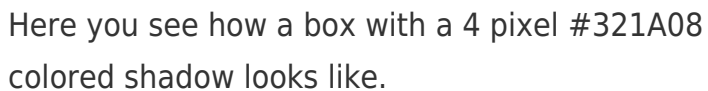
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#321A08 }
```

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

```
.border{ border-color:#321A08 }
```

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



Here you see how a box with a 4 pixel #321A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321A08; -webkit-box-shadow:4px 4px  
4px 4px #321A08; box-shadow:4px 4px 4px  
4px #321A08 }
```

Background

The CSS property to change the background color of an element to Hex 321A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321A08 }
```

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

```
.background{ background-color:#321A08 }
```

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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