

# Converting Colors

Hex(322B1A)

Have a look what the booklet for  
Hex(322B1A) contains.

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# Color

**Hex(322B1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	322B1A
RGB	50, 43, 26
RGB Percent	20%, 17%, 10%
CMY	0.8039, 0.8314, 0.8980
CMYK	0.00, 0.14, 0.48, 0.80
HSL	43°, 32%, 15%
HSV	43°, 48%, 20%
XYZ	2.3657, 2.4804, 1.3314
YIQ	43.1550, 9.6290, -3.8030

# Conversions

## Conversions Part 2

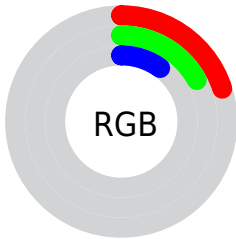
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 50, 26
Decimal	3287834
CIELab	17.83, 0.17, 12.25
CIELCh	18, 12.252, 89.217
Yxy	2.4804, 0.3830, 0.4015
Android (android.graphics.Color)	4281477914 (0xFF322B1A)
YUV	43.1550, -8.4574, 6.0031
Hunter-Lab	15.7494, -0.7490, 6.0126

# Details

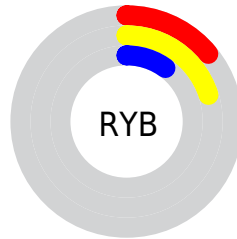
The Hex color **322B1A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A2132**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **615845**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **322A15**, and if you desaturate by 10%, it is **322C1F**.

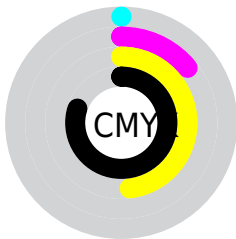
# Distribution



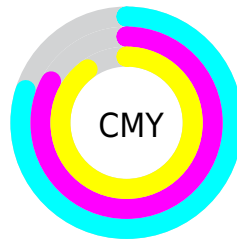
- Red (20%)
- Green (17%)
- Blue (10%)



- Red (14%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (14%)
- Yellow (48%)
- Black (80%)



- Cyan (80%)
- Magenta (83%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 322B1A 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 322B1A by changing the saturation by 10% instead.





322B1A



322B1A

FFFFFFE



1E1600



615845



000000



7A715D



948A76



AFA48F



CABFAA



E6DBC5



FFF8E1



322B1A



322B1A

■ 322A15

■ 322C1F

■ 322810

■ 322E24

■ 32270B

■ 322F29

■ 322506

■ 32312E

■ 322401

■ 323233

■ 322300

■ 323438

■ 32353D

■ 323742

■ 323847

# Harmonies

## Analogous

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



39281D



322B1A



292E1C

# Triad

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



322B1A



0F3034



372735

# Complementary

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



322B1A



1A2132

# 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.



2D293B



322B1A



132F3B

# Square

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



322B1A



14302B



202D3D



3C252C

# Rectangle

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



322B1A



222F20



202D3D



342737



# Sweetspot

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



322B1A



403D37



321A21



21201C



A1A1A1



212121



# Same Dimension

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



322B1A



40351B



2D321A



1A1917



593F00



D99A00



# Inverse Universe

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



1A2132



1B2640



1F1A32



17181A



001A59

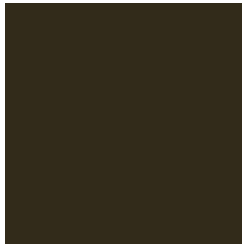


003FD9



# Previews

## White Background



This preview shows how the Hex color 322B1A looks on a white background.

## Color Contrast Check

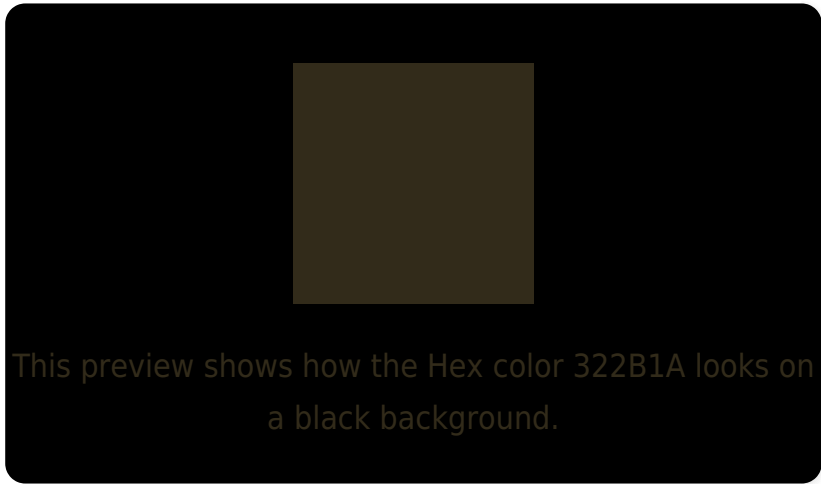
Large Text (above 18pt) WCAG AA ✓ Pass

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

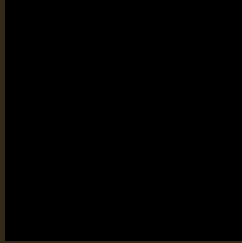
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 322B1A Background



This preview shows how black text looks on a background with the Hex color 322B1A.

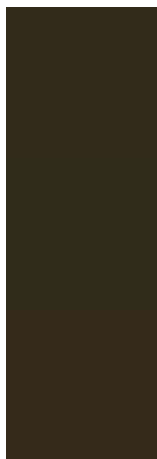


This preview shows how white text looks on a background with the Hex color 322B1A.

# 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**

322B1A

**Protanopia**

302C1A

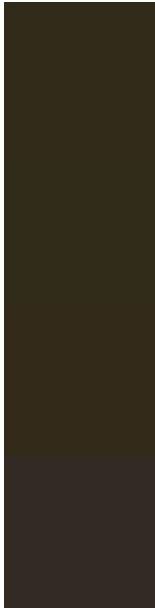
**Deuteranopia**

352A1A



**Tritanopia**  
34292C

# Trichromacy



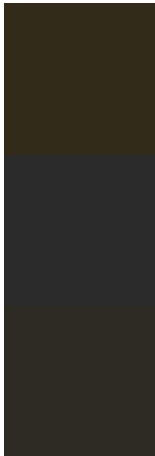
**Original Color**  
322B1A

**Protanomaly**  
312C1A

**Deuteranomaly**  
342A1A

**Tritanomaly**  
332A25

# Monochromacy



**Original Color**  
322B1A

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2E2B25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 322B1A 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 #322B1A looks like.

```
.text, #text, p{  
    color:#322B1A  
}
```

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 #322B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322B1A
}
```

## Border

The CSS property to change the border of an element to Hex 322B1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

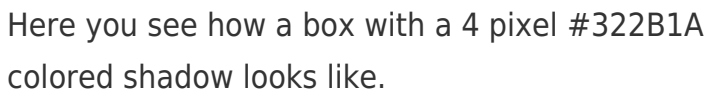
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322B1A }
```

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

```
.border{ border-color:#322B1A }
```

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



Here you see how a box with a 4 pixel #322B1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322B1A; -webkit-box-shadow:4px 4px  
4px 4px #322B1A; box-shadow:4px 4px 4px  
4px #322B1A }
```

# Background

The CSS property to change the background color of an element to Hex 322B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322B1A }
```

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

```
.background{ background-color:#322B1A }
```

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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