

# Converting Colors

Hex(321001)

Have a look what the booklet for  
Hex(321001) contains.

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# Color

**Hex(321001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	321001
RGB	50, 16, 1
RGB Percent	20%, 6%, 0%
CMY	0.8039, 0.9373, 0.9961
CMYK	0.00, 0.68, 0.98, 0.80
HSL	18°, 96%, 10%
HSV	18°, 98%, 20%
XYZ	1.5062, 1.0509, 0.1522
YIQ	24.4560, 25.0790, 2.5430

# Conversions

## Conversions Part 2

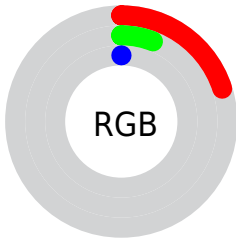
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	50, 23, 1
Decimal	3280897
CIE Lab	9.41, 16.07, 14.04
CIE LCh	9, 21.342, 41.154
Yxy	1.0509, 0.5559, 0.3879
Android (android.graphics.Color)	4281470977 (0xFF321001)
YUV	24.4560, -11.5638, 22.4021
Hunter-Lab	10.2513, 8.2863, 6.2958

# Details

The Hex color **321001** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **012332**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **633B30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320F00**, and if you desaturate by 10%, it is **321306**.

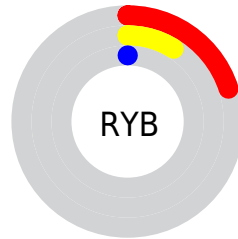
# Distribution



Red (20%)

Green (6%)

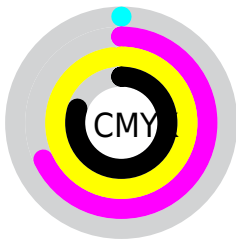
Blue (0%)



Red (20%)

Yellow (9%)

Blue (0%)

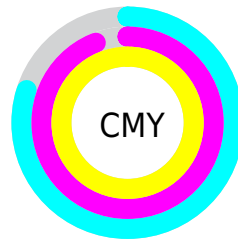


Cyan (0%)

Magenta (68%)

Yellow (98%)

Black (80%)



Cyan (80%)

Magenta (94%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 321001 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 321001 by changing the saturation by 10% instead.



 321001

 321001

 FFF2E3

 1B0001

 633B30

 000000

 7D5347

 976B5E

 B38477

 CF9E91

 ECBAAB

 FFD5C7

 321001

 321001

■ 320F00

■ 321306

■ 32170B

■ 321A10

■ 321E15

■ 32211A

■ 32251F

■ 322824

■ 322C29

■ 322F2E

# Harmonies

## Analogous

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



340C15



321001



2A1600

# Triad

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



321001



002110



051A36

# Complementary

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



321001



012332

# 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.



001E35



321001



00221F

# Square

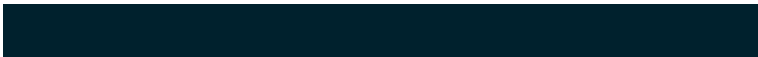
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



321001



0F1F00



00212D



221430

# Rectangle

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



321001



221A00



00212D



001C37



# Sweetspot

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



321001



40332D



320123



211916



A1A1A1



212121



# Same Dimension

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



321001



401400



322801



1A1817



591B00



D94200



# Inverse Universe

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



012332



002C40



010B32



17191A



003E59

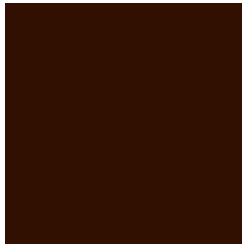


0096D9



# Previews

## White Background



This preview shows how the Hex color 321001 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

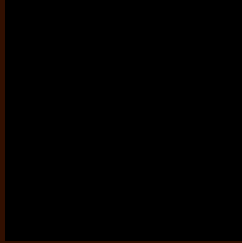
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 321001 Background



This preview shows how black text looks on a background with the Hex color 321001.

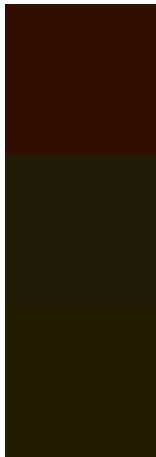


This preview shows how white text looks on a background with the Hex color 321001.

# 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**  
321001

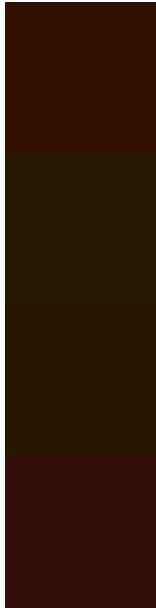
**Protanopia**  
201C05

**Deuteranopia**  
231B00



**Tritanopia**  
320F10

# Trichromacy



**Original Color**  
321001

**Protanomaly**  
271804

**Deuteranomaly**  
281700

**Tritanomaly**  
320F0B

# Monochromacy



**Original Color**  
321001

**Achromatopsia**  
181818

**Achromatomaly**  
211510

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 321001 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 #321001 looks like.

```
.text, #text, p{  
    color:#321001  
}
```

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 #321001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321001
}
```

## Border

The CSS property to change the border of an element to Hex 321001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

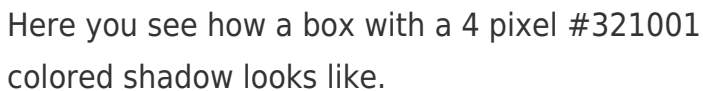
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#321001 }
```

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

```
.border{ border-color:#321001 }
```

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



Here you see how a box with a 4 pixel #321001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321001; -webkit-box-shadow:4px 4px  
4px 4px #321001; box-shadow:4px 4px 4px  
4px #321001 }
```

# Background

The CSS property to change the background color of an element to Hex 321001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321001 }
```

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

```
.background{ background-color:#321001 }
```

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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