

Converting Colors

Hex(321111)

Have a look what the booklet for
Hex(321111) contains.

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Color

Hex(321111)

Conversions

Conversions Part 1

Format	Color
Hex	321111
RGB	50, 17, 17
RGB Percent	20%, 7%, 7%
CMY	0.8039, 0.9333, 0.9333
CMYK	0.00, 0.66, 0.66, 0.80
HSL	0°, 49%, 13%
HSV	0°, 66%, 20%
XYZ	1.6170, 1.1195, 0.6612
YIQ	26.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

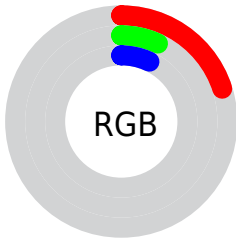
Format	Color
R_{YB}	50, 17, 17
Decimal	3281169
CIE Lab	9.95, 16.74, 7.70
CIE LCh	10, 18.429, 24.688
Yxy	1.1195, 0.4759, 0.3295
Android (android.graphics.Color)	4281471249 (0xFF321111)
YUV	26.8670, -4.8644, 20.2876
Hunter-Lab	10.5805, 8.7641, 3.7014

Details

The Hex color **321111** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **113232**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **633C3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **320C0C**, and if you desaturate by 10%, it is **321616**.

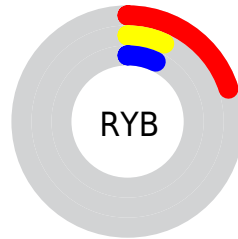
Distribution



Red (20%)

Green (7%)

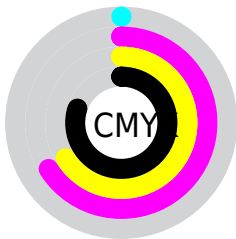
Blue (7%)



Red (20%)

Yellow (7%)

Blue (7%)

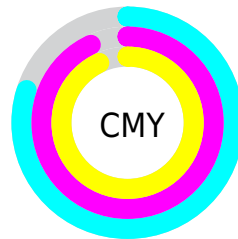


Cyan (0%)

Magenta (66%)

Yellow (66%)

Black (80%)



Cyan (80%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321111 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 321111 by changing the saturation by 10% instead.

 321111

 321111

 FFF3F1

 1E0001

 633C3B

 000000

 7C5452

 976C6A

 B28684

 CEA09E

 EBBBB9

 FFD7D4

 321111

 321111

■ 320C0C

■ 321616

■ 320707

■ 321B1B

■ 320202

■ 322020

■ 320000

■ 322525

■ 322A2A

■ 322F2F

■ 323434

■ 323939

■ 323E3E

Harmonies

Analogous

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



31101E



321111



2E1500

Triad

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



321111



08200A



001D34

Complementary

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



321111



113232

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.



00202F



321111



002219

Square

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



321111



1A1E00



002225



181932

Rectangle

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



321111



291800



002225



001F33

Sweetspot

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



321111



403333



321132



211919



A1A1A1



212121

Same Dimension

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



321111



400D0D



322211



1A1717



590000



D90000

Inverse Universe

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



113232



0D4040



112232



171A1A



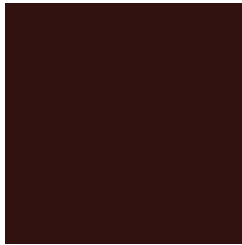
005959



00D9D9

Previews

White Background



This preview shows how the Hex color 321111 looks on a white background.

Color Contrast Check

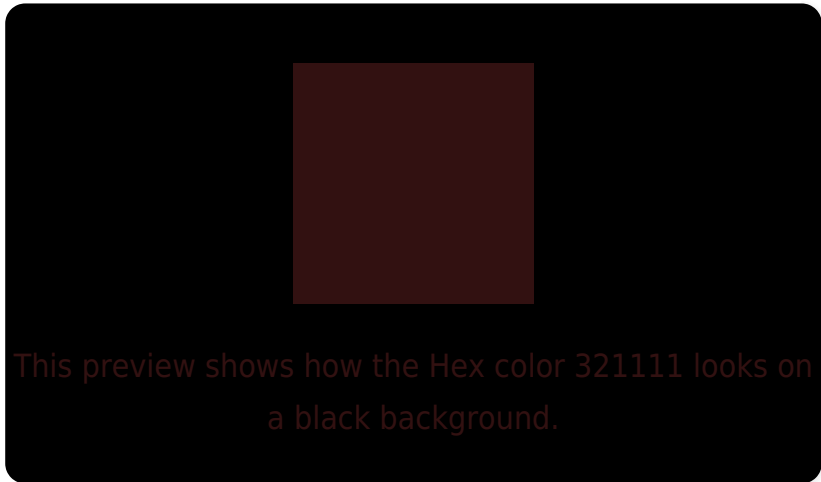
Large Text (above 18pt) WCAG AA ✓ Pass

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 321111 Background



This preview shows how black text looks on a background with the Hex color 321111.



This preview shows how white text looks on a background with the Hex color 321111.

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
321111

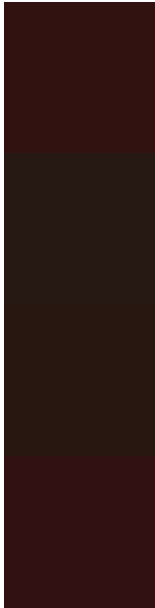
Protanopia
1F1D16

Deuteranopia
231B0F



Tritanopia
321112

Trichromacy



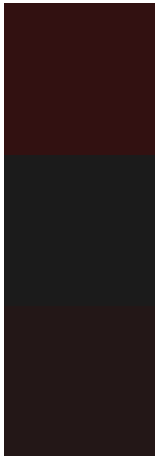
Original Color
321111

Protanomaly
261914

Deuteranomaly
281710

Tritanomaly
321112

Monochromacy



Original Color
321111

Achromatopsia
1B1B1B

Achromatomaly
231717

CSS Examples

Text

The CSS property to change the color of the text to Hex 321111 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 #321111 looks like.

```
.text, #text, p{  
    color:#321111  
}
```

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 #321111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321111
}
```

Border

The CSS property to change the border of an element to Hex 321111 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
#321111 }
```

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

```
.border{ border-color:#321111 }
```

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

Here you see how a box with a 4 pixel #321111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321111; -webkit-box-shadow:4px 4px  
4px 4px #321111; box-shadow:4px 4px 4px  
4px #321111 }
```

Background

The CSS property to change the background color of an element to Hex 321111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321111 }
```

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

```
.background{ background-color:#321111 }
```

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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