

Converting Colors

Hex(321713)

Have a look what the booklet for
Hex(321713) contains.

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Color

Hex(321713)

Conversions

Conversions Part 1

Format	Color
Hex	321713
RGB	50, 23, 19
RGB Percent	20%, 9%, 7%
CMY	0.8039, 0.9098, 0.9255
CMYK	0.00, 0.54, 0.62, 0.80
HSL	8°, 45%, 14%
HSV	8°, 62%, 20%
XYZ	1.7393, 1.3379, 0.7827
YIQ	30.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

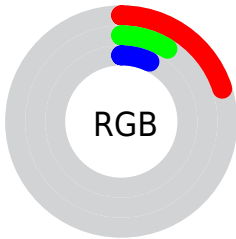
Format	Color
R_{YB}	50, 24, 19
Decimal	3282707
CIE Lab	11.54, 13.06, 8.70
CIE LCh	12, 15.693, 33.662
Yxy	1.3379, 0.4506, 0.3466
Android (android.graphics.Color)	4281472787 (0xFF321713)
YUV	30.6170, -5.7272, 16.9989
Hunter-Lab	11.5668, 6.5995, 4.0850

Details

The Hex color **321713** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **132E32**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **62423D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **32130E**, and if you desaturate by 10%, it is **321B18**.

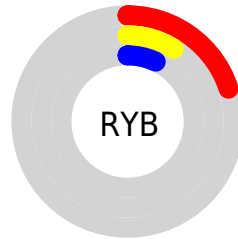
Distribution



Red (20%)

Green (9%)

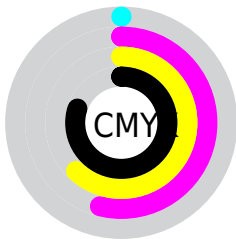
Blue (7%)



Red (20%)

Yellow (9%)

Blue (7%)

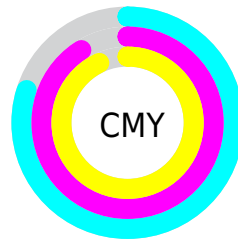


Cyan (0%)

Magenta (54%)

Yellow (62%)

Black (80%)



Cyan (80%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321713 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 321713 by changing the saturation by 10% instead.

 321713

 321713

 FFFAF3

 1E0000

 62423D

 000000

 7C5A54

 96736D

 B18C86

 CDA7A0

 E9C2BB

 FFDED7

 321713

 321713

■ 32130E

■ 321B18

■ 320E09

■ 32201D

■ 320A04

■ 322422

■ 320600

■ 322827

■ 322D2C

■ 323131

■ 323536

■ 323A3B

■ 323E40

Harmonies

Analogous

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



32161E



321713



2D1B08

Triad

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



321713



0A2315



0F1F34

Complementary

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



321713



132E32

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.



002232



321713



002420

Square

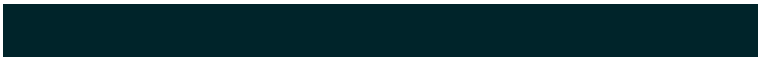
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



321713



192109



00242A



211B30

Rectangle

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



321713



281D04



00242A



062034

Sweetspot

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



321713



403534



32132E



211B1A



A1A1A1



212121

Same Dimension

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



321713



401711



322613



1A1717



590C00



D91C00

Inverse Universe

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



132E32



113A40



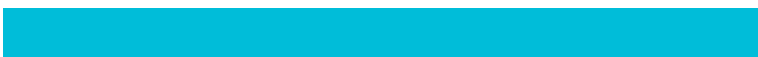
131F32



17191A



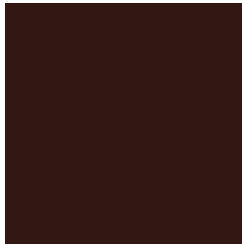
004E59



00BDD9

Previews

White Background



This preview shows how the Hex color 321713 looks on a white background.

Color Contrast Check

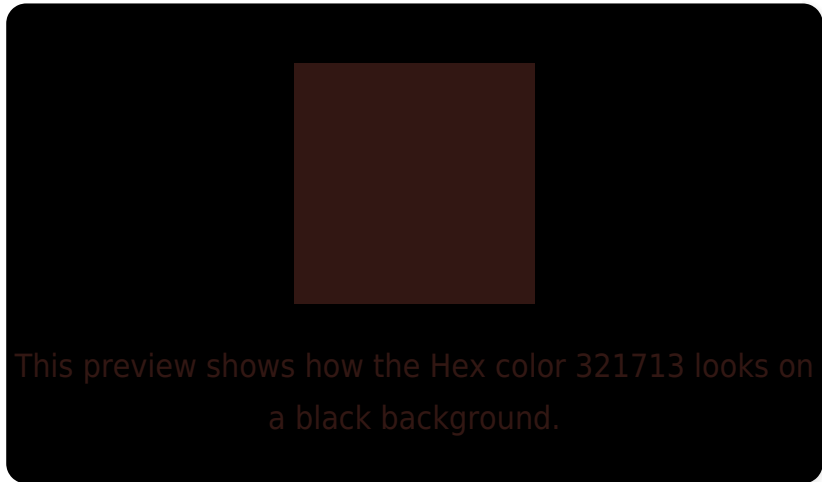
Large Text (above 18pt) WCAG AA ✓ Pass

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

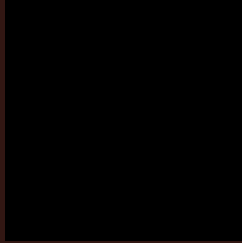
Any Text WCAG AA × Fail

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 321713 Background



This preview shows how black text looks on a background with the Hex color 321713.



This preview shows how white text looks on a background with the Hex color 321713.

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](#).

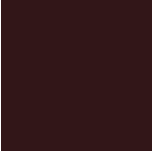
Dichromacy



Original Color
321713

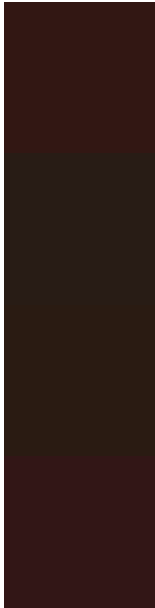
Protanopia
221F16

Deuteranopia
261E12



Tritanopia
321618

Trichromacy



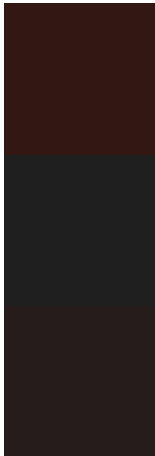
Original Color
321713

Protanomaly
281C15

Deuteranomaly
2A1B12

Tritanomaly
321616

Monochromacy



Original Color
321713

Achromatopsia
1F1F1F

Achromatomaly
261C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 321713 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 #321713 looks like.

```
.text, #text, p{  
    color:#321713  
}
```

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 #321713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321713
}
```

Border

The CSS property to change the border of an element to Hex 321713 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
#321713 }
```

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

```
.border{ border-color:#321713 }
```

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

Here you see how a box with a 4 pixel #321713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321713; -webkit-box-shadow:4px 4px  
4px 4px #321713; box-shadow:4px 4px 4px  
4px #321713 }
```

Background

The CSS property to change the background color of an element to Hex 321713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321713 }
```

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

```
.background{ background-color:#321713 }
```

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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