

Converting Colors

Hex(332A17)

Have a look what the booklet for
Hex(332A17) contains.

Hex(332A17)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(332A17)

Conversions

Conversions Part 1

Format	Color
Hex	332A17
RGB	51, 42, 23
RGB Percent	20%, 16%, 9%
CMY	0.8000, 0.8353, 0.9098
CMYK	0.00, 0.18, 0.55, 0.80
HSL	41°, 38%, 15%
HSV	41°, 55%, 20%
XYZ	2.3479, 2.4216, 1.1543
YIQ	42.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

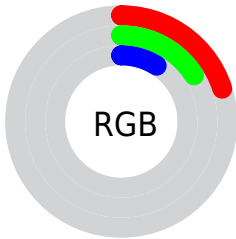
Format	Color
RYB	36, 51, 23
Decimal	3353111
CIELab	17.56, 0.96, 13.93
CIELCh	18, 13.960, 86.051
Yxy	2.4216, 0.3963, 0.4088
Android (android.graphics.Color)	4281543191 (0xFF332A17)
YUV	42.5250, -9.6258, 7.4326
Hunter-Lab	15.5615, -0.3012, 6.4952

Details

The Hex color **332A17** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **172033**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **625742**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332812**, and if you desaturate by 10%, it is **332C1C**.

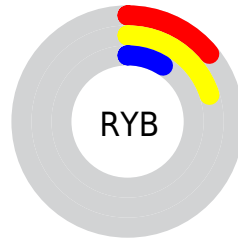
Distribution



Red (20%)

Green (16%)

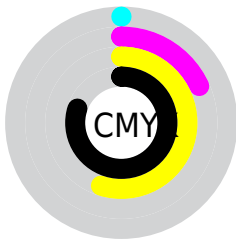
Blue (9%)



Red (14%)

Yellow (20%)

Blue (9%)

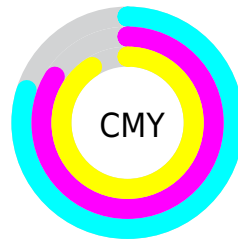


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332A17 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 332A17 by changing the saturation by 10% instead.

 332A17

 332A17

 FFFFFA

 1F1600

 625742

 000000

 7B6F5A

 968972

 B0A38C

 CCBEA6

 E8DAC1

 FFF6DD

 332A17

 332A17

■ 332812

■ 332C1C

■ 33270D

■ 332D21

■ 332508

■ 332F26

■ 332303

■ 33312B

■ 332300

■ 333231

■ 333436

■ 33353B

■ 333740

■ 333945

Harmonies

Analogous

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



3B271B



332A17



292D19

Triad

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



332A17



063034



362536

Complementary

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



332A17



172033

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.



2A293D



332A17



0B2F3B

Square

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



332A17



103029



1B2C3F



3D232D

Rectangle

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



332A17



212F1D



1B2C3F



332739

Sweetspot

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



332A17



423F38



331720



211F1B



A1A1A1



212121

Same Dimension

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



332A17



423417



2E3317



1A1917



593D00



D99300

Inverse Universe

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



172033



172542



1C1733



17181A



001D59



0046D9

Previews

White Background



This preview shows how the Hex color 332A17 looks on a white background.

Color Contrast Check

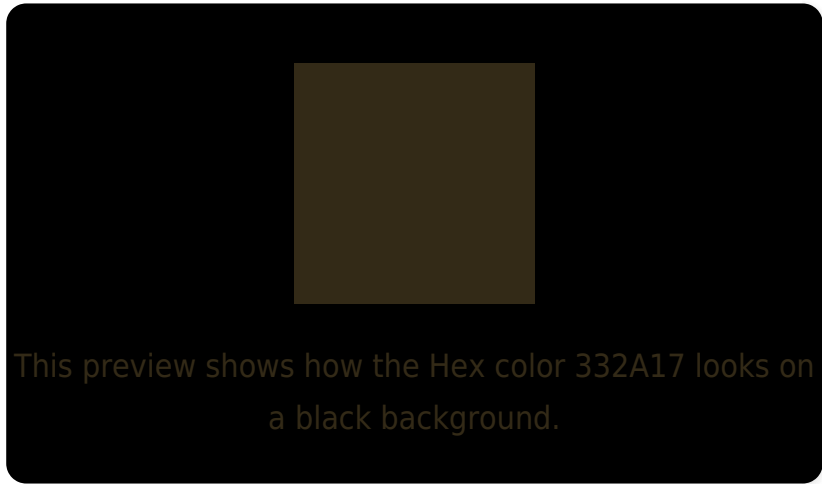
Large Text (above 18pt) WCAG AA ✓ Pass

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

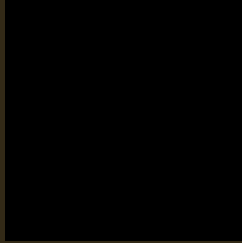
Any Text WCAG AA × Fail

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 332A17 Background



This preview shows how black text looks on a background with the Hex color 332A17.

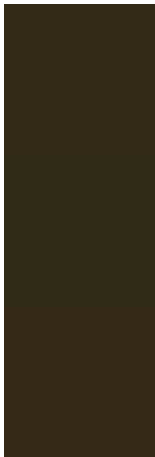


This preview shows how white text looks on a background with the Hex color 332A17.

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
332A17

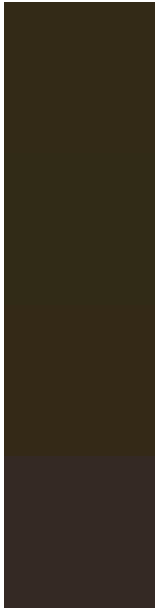
Protanopia
302B17

Deuteranopia
352917



Tritanopia
35282B

Trichromacy



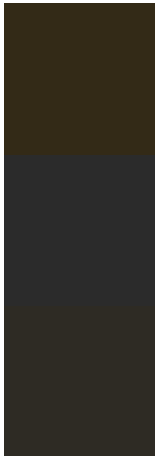
Original Color
332A17

Protanomaly
312B17

Deuteranomaly
342917

Tritanomaly
342924

Monochromacy



Original Color
332A17

Achromatopsia
2B2B2B

Achromatomaly
2E2B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 332A17 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 #332A17 looks like.

```
.text, #text, p{  
    color:#332A17  
}
```

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 #332A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332A17  
}
```

Border

The CSS property to change the border of an element to Hex 332A17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

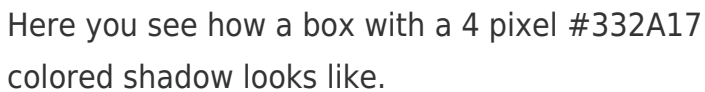
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#332A17 }
```

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

```
.border{ border-color:#332A17 }
```

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



Here you see how a box with a 4 pixel #332A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332A17; -webkit-box-shadow:4px 4px  
4px 4px #332A17; box-shadow:4px 4px 4px  
4px #332A17 }
```

Background

The CSS property to change the background color of an element to Hex 332A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332A17 }
```

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

```
.background{ background-color:#332A17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor