

Converting Colors

Hex(322313)

Have a look what the booklet for
Hex(322313) contains.

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Color

Hex(322313)

Conversions

Conversions Part 1

Format	Color
Hex	322313
RGB	50, 35, 19
RGB Percent	20%, 14%, 7%
CMY	0.8039, 0.8627, 0.9255
CMYK	0.00, 0.30, 0.62, 0.80
HSL	31°, 45%, 14%
HSV	31°, 62%, 20%
XYZ	2.0340, 1.9272, 0.8809
YIQ	37.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

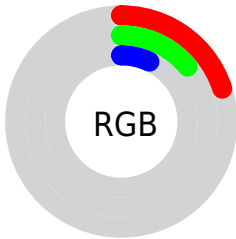
Format	Color
RYB	48, 50, 19
Decimal	3285779
CIELab	15.10, 4.76, 13.44
CIELCh	15, 14.255, 70.483
Yxy	1.9272, 0.4201, 0.3980
Android (android.graphics.Color)	4281475859 (0xFF322313)
YUV	37.6610, -9.1999, 10.8213
Hunter-Lab	13.8823, 1.8588, 5.9555

Details

The Hex color **322313** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **132232**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **624F3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **32210E**, and if you desaturate by 10%, it is **322518**.

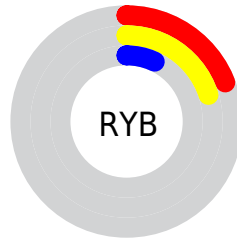
Distribution



 Red (20%)

 Green (14%)

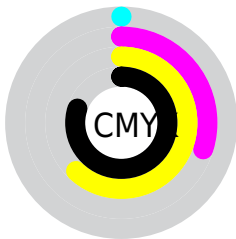
 Blue (7%)



 Red (19%)

 Yellow (20%)

 Blue (7%)

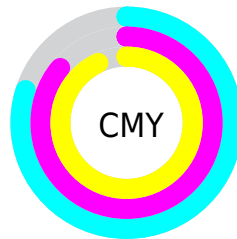


 Cyan (0%)

 Magenta (30%)

 Yellow (62%)

 Black (80%)



 Cyan (80%)

 Magenta (86%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322313 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 322313 by changing the saturation by 10% instead.

■ 322313

■ 322313

■ FFFFF4

■ 1D0E00

■ 624F3D

■ 000000

■ 7B6755

■ 95806D

■ B09A86

■ CCB5A1

■ E8D1BC

■ FFEDD7

■ 322313

■ 322313

■ 32210E

■ 322518

■ 321E09

■ 32281D

■ 321C04

■ 322A22

■ 321A00

■ 322D27

■ 322F2C

■ 323231

■ 323436

■ 32363B

■ 323940

Harmonies

Analogous

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



382019



322313



292612

Triad

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



322313



032B29



2C2235

Complementary

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



322313



132232

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.



1D263A



322313



002B33

Square

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



322313



112B1F



0A2939



351F2D

Rectangle

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



322313



222814



0A2939



272337

Sweetspot

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



322313



403A34



321323



211D1A



A1A1A1



212121

Same Dimension

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



322313



402911



323213



1A1817



592E00



D97000

Inverse Universe

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



132232



112740



131332



17181A



002B59



0069D9

Previews

White Background



This preview shows how the Hex color 322313 looks on a white background.

Color Contrast Check

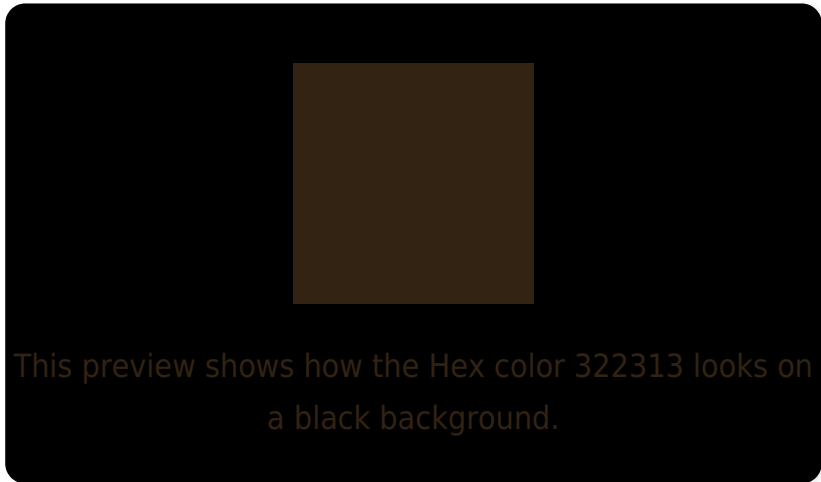
Large Text (above 18pt) WCAG AA ✓ Pass

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

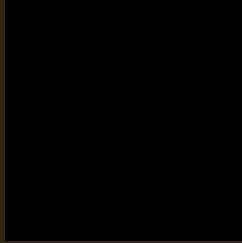
Any Text WCAG AA × Fail

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 322313 Background



This preview shows how black text looks on a background with the Hex color 322313.

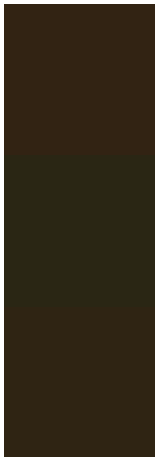


This preview shows how white text looks on a background with the Hex color 322313.

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
322313

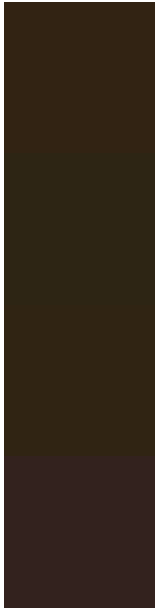
Protanopia
2A2614

Deuteranopia
2F2413



Tritanopia
332124

Trichromacy



Original Color
322313

Protanomaly
2D2514

Deuteranomaly
302413

Tritanomaly
33221E

Monochromacy



Original Color
322313

Achromatopsia
262626

Achromatomaly
2A251F

CSS Examples

Text

The CSS property to change the color of the text to Hex 322313 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 #322313 looks like.

```
.text, #text, p{  
    color:#322313  
}
```

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 #322313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322313
}
```

Border

The CSS property to change the border of an element to Hex 322313 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".

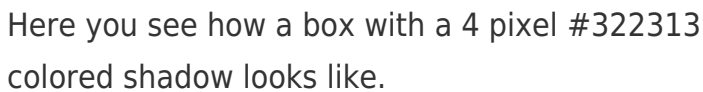
```
.border, #border, table{ border:4px solid
#322313 }
```

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

```
.border{ border-color:#322313 }
```

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

Here you see how a box with a 4 pixel #322313 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322313; -webkit-box-shadow:4px 4px  
4px 4px #322313; box-shadow:4px 4px 4px  
4px #322313 }
```

Background

The CSS property to change the background color of an element to Hex 322313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322313 }
```

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

```
.background{ background-color:#322313 }
```

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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