

Converting Colors

Hex(322803)

Have a look what the booklet for
Hex(322803) contains.

Hex(322803)	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(322803)

Conversions

Conversions Part 1

Format	Color
Hex	322803
RGB	50, 40, 3
RGB Percent	20%, 16%, 1%
CMY	0.8039, 0.8431, 0.9882
CMYK	0.00, 0.20, 0.94, 0.80
HSL	47°, 89%, 10%
HSV	47°, 94%, 20%
XYZ	2.0906, 2.2023, 0.4010
YIQ	38.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

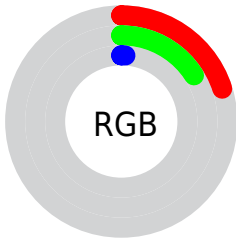
Format	Color
R_{YB}	16, 50, 3
Decimal	3287043
CIE _{Lab}	16.51, -0.06, 22.74
CIE _{LCh}	17, 22.738, 90.145
Yxy	2.2023, 0.4454, 0.4692
Android (android.graphics.Color)	4281477123 (0xFF322803)
YUV	38.7720, -17.6356, 9.8470
Hunter-Lab	14.8400, -0.8235, 8.7858

Details

The Hex color **322803** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030D32**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **625531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **322700**, and if you desaturate by 10%, it is **322908**.

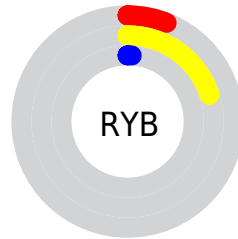
Distribution



Red (20%)

Green (16%)

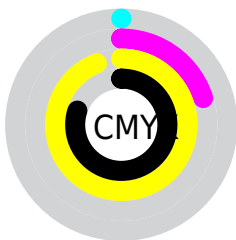
Blue (1%)



Red (6%)

Yellow (20%)

Blue (1%)

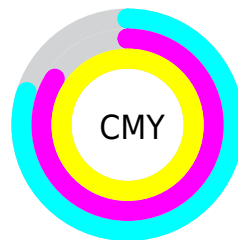


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322803 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 322803 by changing the saturation by 10% instead.

 322803

 322803

 FFFFE5

 1B1400

 625531

 000000

 7B6D48

 968660

 B1A079

 CDBB93

 E9D7AE

 FFF3C9

 322803

 322803

■ 322700

■ 322908

■ 322A0D

■ 322B12

■ 322C17

■ 322D1C

■ 322E21

■ 322F26

■ 32312B

■ 323230

Harmonies

Analogous

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



3E220B



322803



222D0A

Triad

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



322803



003139



3D1E39

Complementary

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



322803



030D32

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.



292545



322803



002F45

Square

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



322803



003128



032B49



461A29

Rectangle

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



322803



142F13



032B49



37203E

Sweetspot

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



322803



403C2E



32030D



211F16



A1A1A1



212121

Same Dimension

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



322803



403200



253203



1A1917



594600



D9AB00

Inverse Universe

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



030D32



000E40



100332



17171A



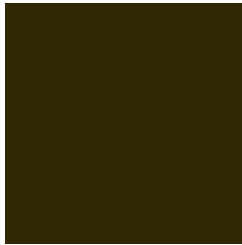
001359



002ED9

Previews

White Background



This preview shows how the Hex color 322803 looks on a white background.

Color Contrast Check

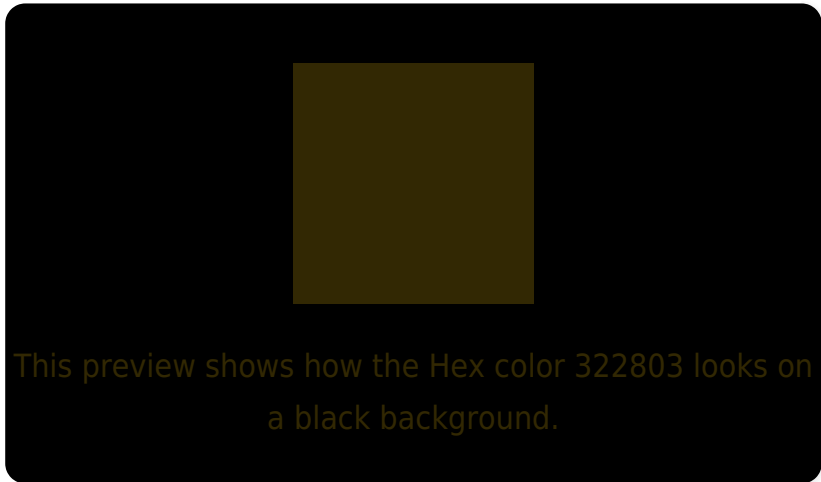
Large Text (above 18pt) WCAG AA ✓ Pass

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

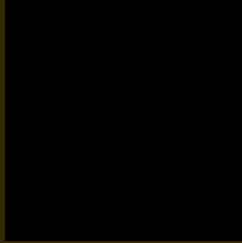
Any Text WCAG AA × Fail

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 322803 Background



This preview shows how black text looks on a background with the Hex color 322803.

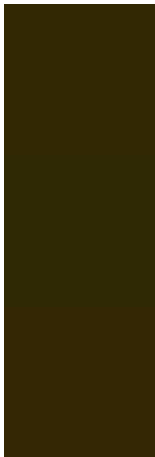


This preview shows how white text looks on a background with the Hex color 322803.

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
322803

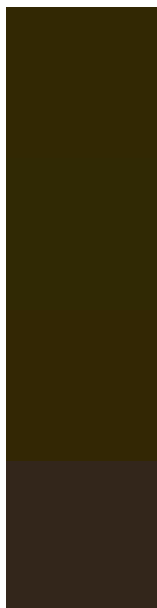
Protanopia
2F2904

Deuteranopia
342704



Tritanopia
342528

Trichromacy



Original Color

322803

Protanomaly

302904

Deuteranomaly

332704

Tritanomaly

33261B

Monochromacy



Original Color

322803

Achromatopsia

272727

Achromatomaly

2B271A

CSS Examples

Text

The CSS property to change the color of the text to Hex 322803 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 #322803 looks like.

```
.text, #text, p{  
    color:#322803  
}
```

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 #322803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322803
}
```

Border

The CSS property to change the border of an element to Hex 322803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

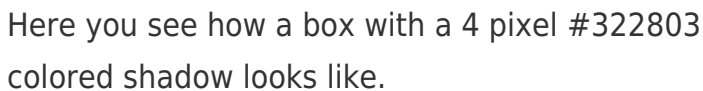
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322803 }
```

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

```
.border{ border-color:#322803 }
```

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



Here you see how a box with a 4 pixel #322803 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322803; -webkit-box-shadow:4px 4px  
4px 4px #322803; box-shadow:4px 4px 4px  
4px #322803 }
```

Background

The CSS property to change the background color of an element to Hex 322803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322803 }
```

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

```
.background{ background-color:#322803 }
```

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