

Converting Colors

Hex(344322)

Have a look what the booklet for
Hex(344322) contains.

Hex(344322)	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(344322)

Conversions

Conversions Part 1

Format	Color
Hex	344322
RGB	52, 67, 34
RGB Percent	20%, 26%, 13%
CMY	0.7961, 0.7373, 0.8667
CMYK	0.22, 0.00, 0.49, 0.74
HSL	87°, 33%, 20%
HSV	87°, 49%, 26%
XYZ	3.7121, 4.8599, 2.2558
YIQ	58.7530, 1.6530, -13.4430

Conversions

Conversions Part 2

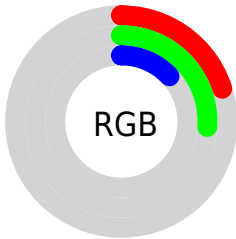
Format	Color
RYB	34, 67, 49
Decimal	3425058
CIELab	26.33, -12.82, 18.06
CIELCh	26, 22.147, 125.384
Yxy	4.8599, 0.3428, 0.4488
Android (android.graphics.Color)	4281615138 (0xFF344322)
YUV	58.7530, -12.2032, -5.9224
Hunter-Lab	22.0451, -8.5222, 9.3647

Details

The Hex color **344322** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **312243**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **63734F**, and **021900** is the 20% darker color. If you saturate the color by 10%, you get **31431B**, and if you desaturate by 10%, it is **374329**.

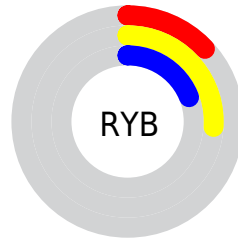
Distribution



Red (20%)

Green (26%)

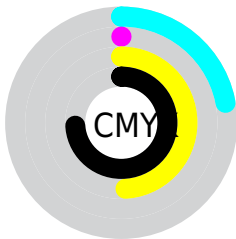
Blue (13%)



Red (13%)

Yellow (26%)

Blue (19%)

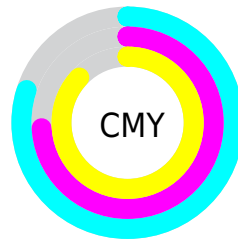


Cyan (22%)

Magenta (0%)

Yellow (49%)

Black (74%)



Cyan (80%)

Magenta (74%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344322 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 344322 by changing the saturation by 10% instead.



344322



344322

FFFFFF



1E2D0D



63734F



021900



7D8D67



000000



97A780



B1C29B



CDDEB5



E9FBD1



FFFFED



344322



344322

■ 31431B

■ 374329

■ 2E4315

■ 3A432F

■ 2B430E

■ 3D4336

■ 284307

■ 40433D

■ 254300

■ 434344

■ 46434A

■ 494351

■ 4C4358

■ 4F435E

Harmonies

Analogous

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



463E1C



344322



1E4630

Triad

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



344322



00445D



5E313C

Complementary

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



344322



312243

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.



56334D



344322



293F60

Square

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



344322



004651



44395A



5D332C

Rectangle

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



344322



08473B



44395A



5C3142

Sweetspot

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



344322



51574A



433122



282B24



ABABAB



2B2B2B

Same Dimension

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



344322



3F5724



244322



20211E



356100



7AE000

Inverse Universe

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



312243



3B2457



412243



1F1E21



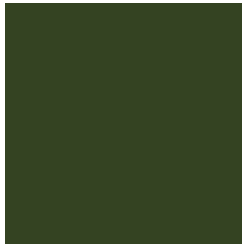
2C0061



6600E0

Previews

White Background



This preview shows how the Hex color 344322 looks on a white background.

Color Contrast Check

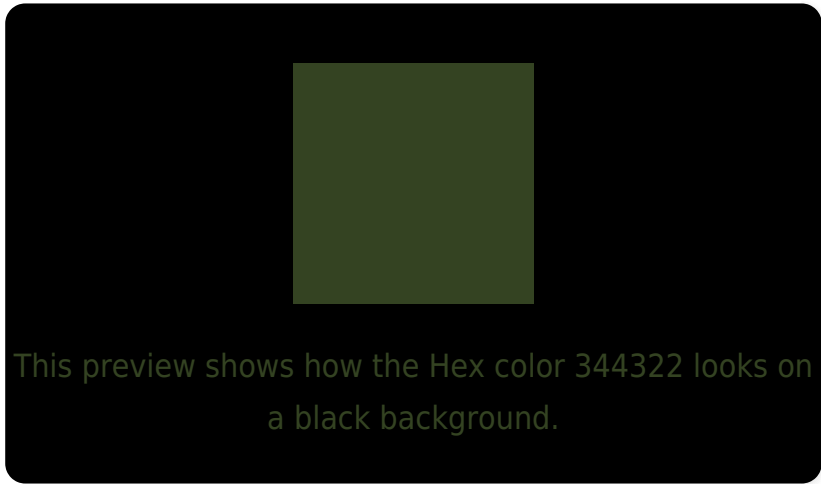
Large Text (above 18pt) WCAG AA ✓ Pass

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

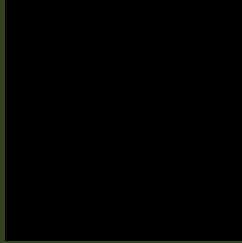
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

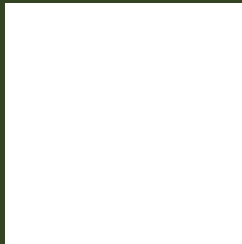
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 344322 Background



This preview shows how black text looks on a background with the Hex color 344322.



This preview shows how white text looks on a background with the Hex color 344322.

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](#).

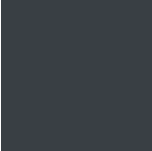
Dichromacy



Original Color
344322

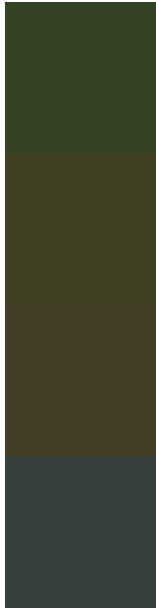
Protanopia
453E20

Deuteranopia
4C3B24



Tritanopia
393F44

Trichromacy



Original Color
344322

Protanomaly
3F4021

Deuteranomaly
433E23

Tritanomaly
374038

Monochromacy



Original Color
344322

Achromatopsia
3B3B3B

Achromatomaly
383E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 344322 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 #344322 looks like.

```
.text, #text, p{  
    color:#344322  
}
```

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 #344322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344322
}
```

Border

The CSS property to change the border of an element to Hex 344322 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
#344322 }
```

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

```
.border{ border-color:#344322 }
```

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

Here you see how a box with a 4 pixel #344322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344322; -webkit-box-shadow:4px 4px  
4px 4px #344322; box-shadow:4px 4px 4px  
4px #344322 }
```

Background

The CSS property to change the background color of an element to Hex 344322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344322 }
```

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

```
.background{ background-color:#344322 }
```

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