

Converting Colors

Hex(344222)

Have a look what the booklet for
Hex(344222) contains.

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Color

Hex(344222)

Conversions

Conversions Part 1

Format	Color
Hex	344222
RGB	52, 66, 34
RGB Percent	20%, 26%, 13%
CMY	0.7961, 0.7412, 0.8667
CMYK	0.21, 0.00, 0.48, 0.74
HSL	86°, 32%, 20%
HSV	86°, 48%, 26%
XYZ	3.6531, 4.7420, 2.2361
YIQ	58.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

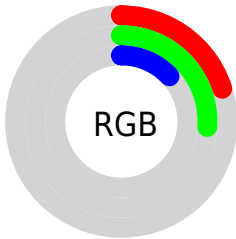
Format	Color
R_{YB}	34, 66, 48
Decimal	3424802
CIE _{Lab}	25.99, -12.24, 17.62
CIE _{LCh}	26, 21.455, 124.784
Yxy	4.7420, 0.3436, 0.4460
Android (android.graphics.Color)	4281614882 (0xFF344222)
YUV	58.1660, -11.9138, -5.4076
Hunter-Lab	21.7761, -8.1633, 9.1549

Details

The Hex color **344222** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **302242**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **63724F**, and **021800** is the 20% darker color. If you saturate the color by 10%, you get **31421B**, and if you desaturate by 10%, it is **374229**.

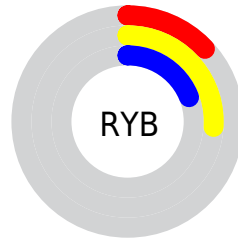
Distribution



Red (20%)

Green (26%)

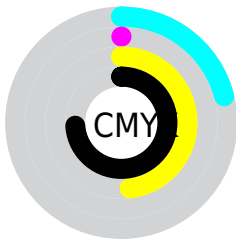
Blue (13%)



Red (13%)

Yellow (26%)

Blue (19%)

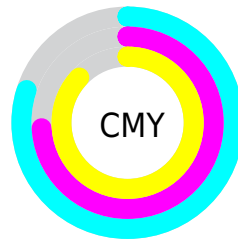


Cyan (21%)

Magenta (0%)

Yellow (48%)

Black (74%)



Cyan (80%)

Magenta (74%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344222 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 344222 by changing the saturation by 10% instead.



344222



344222

FFFFFF



1E2C0D



63724F



021800



7C8B67



000000



96A680



B1C19A



CDDDB5



E9F9D1



FFFFED



344222



344222

■ 31421B

■ 374229

■ 2E4215

■ 3A422F

■ 2B420E

■ 3D4236

■ 284208

■ 40423C

■ 264201

■ 424243

■ 254200

■ 45424A

■ 484250

■ 4B4257

■ 4E425D

Harmonies

Analogous

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



453D1C



344222



1F452F

Triad

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



344222



00435B



5C303C

Complementary

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



344222



302242

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.



54334C



344222



283E5E

Square

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



344222



004550



433858



5B322C

Rectangle

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



344222



0C463A



433858



5A3141

Sweetspot

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



344222



51574A



423022



282B24



ABABAB



2B2B2B

Same Dimension

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



344222



415724



244222



20211E



376100



7EE000

Inverse Universe

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



302242



3A2457



402242



1F1E21



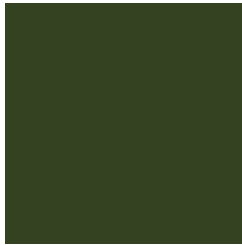
2A0061



6200E0

Previews

White Background



This preview shows how the Hex color 344222 looks on a white background.

Color Contrast Check

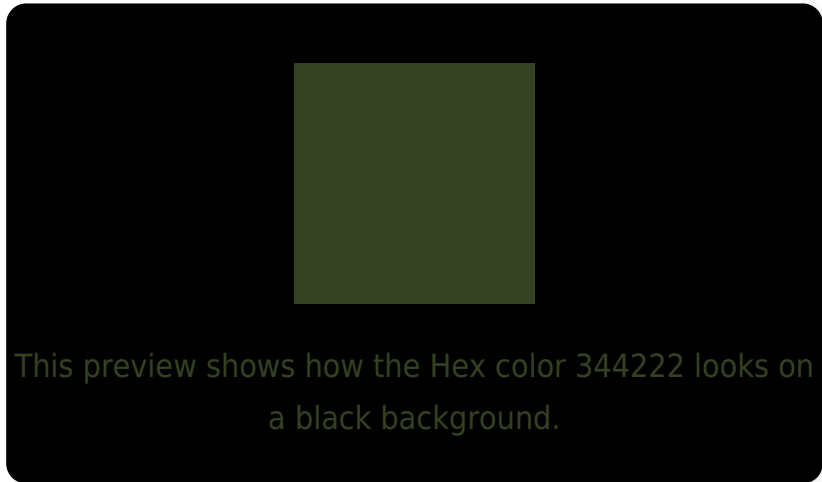
Large Text (above 18pt) WCAG AA ✓ Pass

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

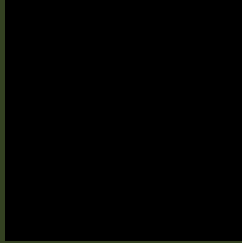
Any Text WCAG AA × Fail

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 344222 Background



This preview shows how black text looks on a background with the Hex color 344222.



This preview shows how white text looks on a background with the Hex color 344222.

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

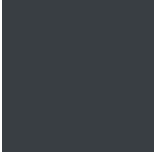
344222

Protanopia

443D20

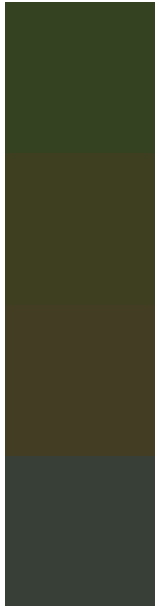
Deuteranopia

4B3B24



Tritanopia
393E43

Trichromacy



Original Color

344222

Protanomaly

3E3F21

Deuteranomaly

433E23

Tritanomaly

373F37

Monochromacy



Original Color

344222

Achromatopsia

3A3A3A

Achromatomaly

383D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 344222 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 #344222 looks like.

```
.text, #text, p{  
  color:#344222  
}
```

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 #344222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344222
}
```

Border

The CSS property to change the border of an element to Hex 344222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

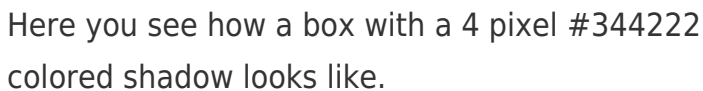
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344222 }
```

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

```
.border{ border-color:#344222 }
```

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



Here you see how a box with a 4 pixel #344222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344222; -webkit-box-shadow:4px 4px  
4px 4px #344222; box-shadow:4px 4px 4px  
4px #344222 }
```

Background

The CSS property to change the background color of an element to Hex 344222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344222 }
```

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

```
.background{ background-color:#344222 }
```

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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