

Converting Colors

Hex(344342)

Have a look what the booklet for
Hex(344342) contains.

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Color

Hex(344342)

Conversions

Conversions Part 1

Format	Color
Hex	344342
RGB	52, 67, 66
RGB Percent	20%, 26%, 26%
CMY	0.7961, 0.7373, 0.7412
CMYK	0.22, 0.00, 0.01, 0.74
HSL	176°, 13%, 23%
HSV	176°, 22%, 26%
XYZ	4.4067, 5.1377, 5.9137
YIQ	62.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

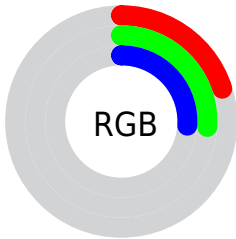
Format	Color
R_{YB}	52, 60, 67
Decimal	3425090
CIE Lab	27.12, -6.25, -1.39
CIE LCh	27, 6.407, 192.527
Yxy	5.1377, 0.2851, 0.3324
Android (android.graphics.Color)	4281615170 (0xFF344342)
YUV	62.4010, 1.7743, -9.1217
Hunter-Lab	22.6665, -4.9635, 0.3979

Details

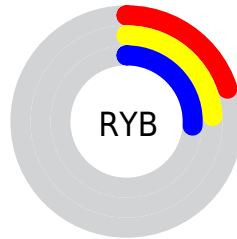
The Hex color **344342** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **433435**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **637372**, and **081817** is the 20% darker color. If you saturate the color by 10%, you get **2D4342**, and if you desaturate by 10%, it is **3B4342**.

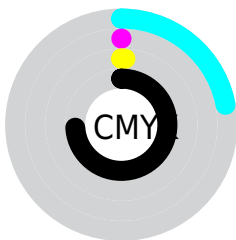
Distribution



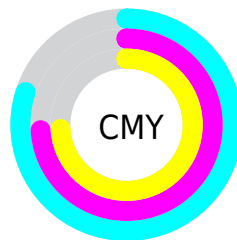
- Red (20%)
- Green (26%)
- Blue (26%)



- Red (20%)
- Yellow (24%)
- Blue (26%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (74%)



- Cyan (80%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344342 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 344342 by changing the saturation by 10% instead.



344342



344342

FFFFFF



1E2D2C



637372



081817



7C8D8B



000000



96A7A6



B0C2C1



CCDEDD



E8FBF9



344342



344342



2D4342



3B4342

■ 274341

■ 414343

■ 204341

■ 484343

■ 194340

■ 4F4344

■ 134340

■ 564344

■ 0C433F

■ 5C4345

■ 05433F

■ 634345

■ 00433F

■ 6A4346

■ 704346

Harmonies

Analogous

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



37433D



344342



344346

Triad

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



344342



443E47



473F37

Complementary

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



344342



433435

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.



4A3D3A



344342



483D43

Square

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



344342



3D404A



4B3D3E



424037

Rectangle

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



344342



364249



4B3D3E



483E38

Sweetspot

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



344342



515756



354334



282B2B



ABABAB



2B2B2B

Same Dimension

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



344342



3F5755



343D43



1E2121



00615A



00E0D1

Inverse Universe

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



433435



573F41



433B34



211E1E



610006



E0000F

Previews

White Background



This preview shows how the Hex color 344342 looks on a white background.

Color Contrast Check

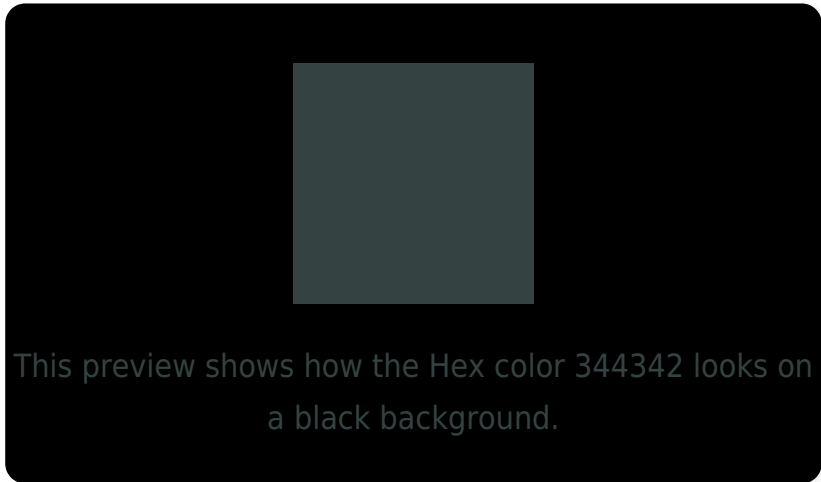
Large Text (above 18pt) WCAG AA ✓ Pass

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

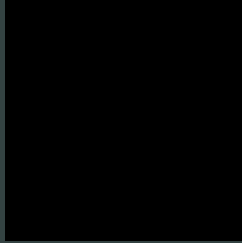
Any Text WCAG AA × Fail

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 344342 Background



This preview shows how black text looks on a background with the Hex color 344342.



This preview shows how white text looks on a background with the Hex color 344342.

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

344342

Protanopia

414040

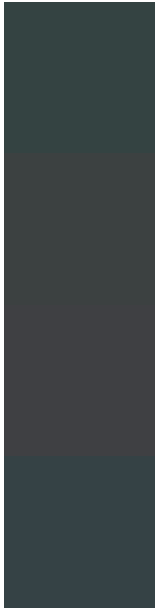
Deuteranopia

453E43



Tritanopia
354247

Trichromacy



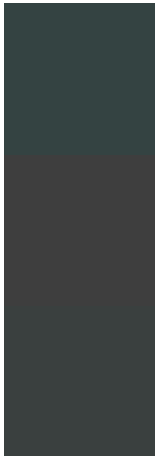
Original Color
344342

Protanomaly
3C4141

Deuteranomaly
3F4043

Tritanomaly
354245

Monochromacy



Original Color
344342

Achromatopsia
3E3E3E

Achromatomaly
3A403F

CSS Examples

Text

The CSS property to change the color of the text to Hex 344342 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 #344342 looks like.

```
.text, #text, p{  
    color:#344342  
}
```

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 #344342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344342
}
```

Border

The CSS property to change the border of an element to Hex 344342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

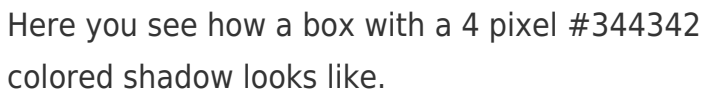
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344342 }
```

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

```
.border{ border-color:#344342 }
```

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



Here you see how a box with a 4 pixel #344342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344342; -webkit-box-shadow:4px 4px  
4px 4px #344342; box-shadow:4px 4px 4px  
4px #344342 }
```

Background

The CSS property to change the background color of an element to Hex 344342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344342 }
```

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

```
.background{ background-color:#344342 }
```

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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