

Converting Colors

Hex(344539)

Have a look what the booklet for
Hex(344539) contains.

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Color

Hex(344539)

Conversions

Conversions Part 1

Format	Color
Hex	344539
RGB	52, 69, 57
RGB Percent	20%, 27%, 22%
CMY	0.7961, 0.7294, 0.7765
CMYK	0.25, 0.00, 0.17, 0.73
HSL	138°, 14%, 24%
HSV	138°, 25%, 27%
XYZ	4.2828, 5.2817, 4.6646
YIQ	62.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

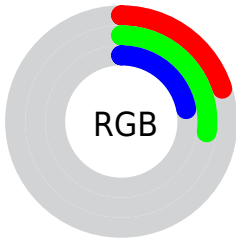
Format	Color
RYB	52, 65, 69
Decimal	3425593
CIELab	27.52, -9.67, 5.06
CIELCh	28, 10.917, 152.399
Yxy	5.2817, 0.3010, 0.3712
Android (android.graphics.Color)	4281615673 (0xFF344539)
YUV	62.5490, -2.7357, -9.2515
Hunter-Lab	22.9820, -6.9540, 4.0533

Details

The Hex color **344539** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453440**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **637568**, and **081A0E** is the 20% darker color. If you saturate the color by 10%, you get **2D4534**, and if you desaturate by 10%, it is **3B453E**.

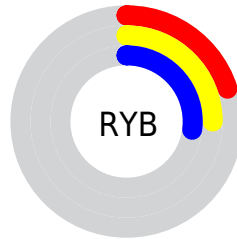
Distribution



Red (20%)

Green (27%)

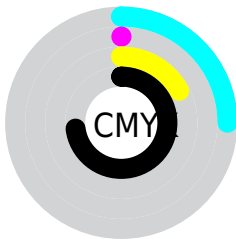
Blue (22%)



Red (20%)

Yellow (25%)

Blue (27%)

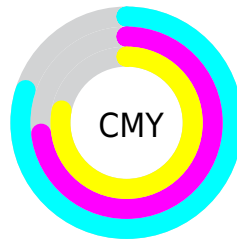


Cyan (25%)

Magenta (0%)

Yellow (17%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344539 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 344539 by changing the saturation by 10% instead.

■ 344539

■ 344539

FFFFFF

■ 1E2F23

■ 637568

■ 081A0E

■ 7C8F81

■ 000000

■ 96A99B

■ B0C5B6

■ CCE1D1

■ E8FDEE

■ 344539

■ 344539

■ 2D4534

■ 3B453E

■ 26452F

■ 424543

■ 1F452A

■ 494548

■ 184526

■ 50454C

■ 124521

■ 564551

■ 0B451C

■ 5D4556

■ 044517

■ 64455B

■ 004514

■ 6B4560

■ 724565

Harmonies

Analogous

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



3D4333



344539



2C4641

Triad

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



344539



384152



523C38

Complementary

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



344539



453440

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.



523B41



344539



433F4F

Square

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



344539



2E4450



4C3C49



4E3E32

Rectangle

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



344539



2A4647



4C3C49



523B3B

Sweetspot

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



344539



535955



404534



2A2E2B



ADADAD



2E2E2E

Same Dimension

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



344539



3E5946



344541



202421



00631D



00E343

Inverse Universe

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



453440



593E51



453438



242023



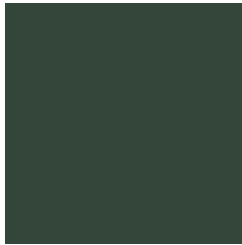
630046



E300A0

Previews

White Background



This preview shows how the Hex color 344539 looks on a white background.

Color Contrast Check

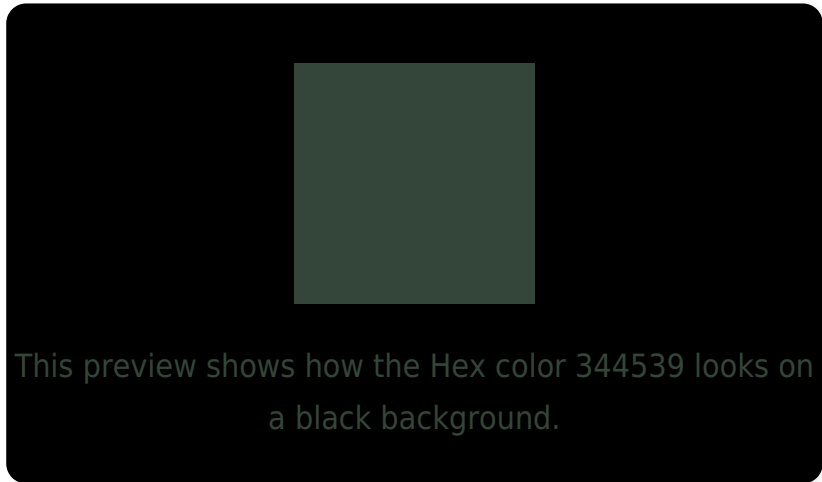
Large Text (above 18pt) WCAG AA ✓ Pass

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

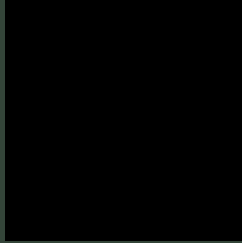
Any Text WCAG AA × Fail

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 344539 Background



This preview shows how black text looks on a background with the Hex color 344539.

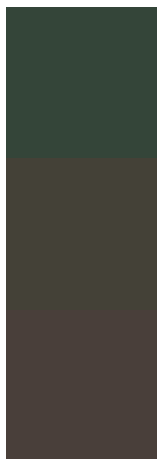


This preview shows how white text looks on a background with the Hex color 344539.

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](#).

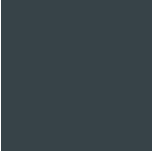
Dichromacy



Original Color
344539

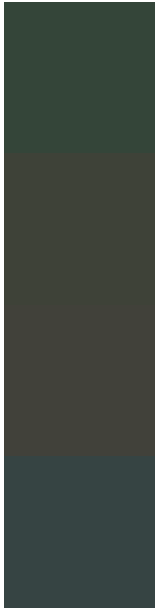
Protanopia
444137

Deuteranopia
493F3A



Tritanopia
374348

Trichromacy



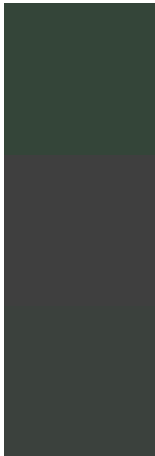
Original Color
344539

Protanomaly
3E4238

Deuteranomaly
41413A

Tritanomaly
364443

Monochromacy



Original Color
344539

Achromatopsia
3F3F3F

Achromatomaly
3B413D

CSS Examples

Text

The CSS property to change the color of the text to Hex 344539 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 #344539 looks like.

```
.text, #text, p{  
  color:#344539  
}
```

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 #344539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344539
}
```

Border

The CSS property to change the border of an element to Hex 344539 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".

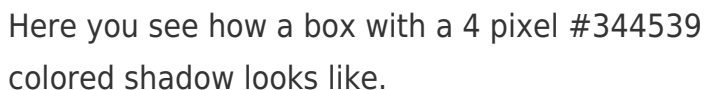
```
.border, #border, table{ border:4px solid
#344539 }
```

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

```
.border{ border-color:#344539 }
```

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

Here you see how a box with a 4 pixel #344539 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344539; -webkit-box-shadow:4px 4px  
4px 4px #344539; box-shadow:4px 4px 4px  
4px #344539 }
```

Background

The CSS property to change the background color of an element to Hex 344539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344539 }
```

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

```
.background{ background-color:#344539 }
```

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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