

Converting Colors

Hex(344541)

Have a look what the booklet for
Hex(344541) contains.

Hex(344541)	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(344541)

Conversions

Conversions Part 1	
Format	Color
Hex	344541
RGB	52, 69, 65
RGB Percent	20%, 27%, 25%
CMY	0.7961, 0.7294, 0.7451
CMYK	0.25, 0.00, 0.06, 0.73
HSL	166°, 14%, 24%
HSV	166°, 25%, 27%
XYZ	4.4984, 5.3680, 5.8001
YIQ	63.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

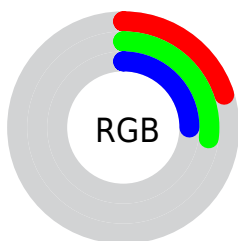
Format	Color
RYB	52, 62, 69
Decimal	3425601
CIELab	27.76, -7.75, 0.19
CIELCh	28, 7.755, 178.574
Yxy	5.3680, 0.2871, 0.3426
Android (android.graphics.Color)	4281615681 (0xFF344541)
YUV	63.4610, 0.7587, -10.0513
Hunter-Lab	23.1689, -5.8882, 1.3756

Details

The Hex color **344541** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453438**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **637571**, and **081A17** is the 20% darker color. If you saturate the color by 10%, you get **2D453F**, and if you desaturate by 10%, it is **3B4543**.

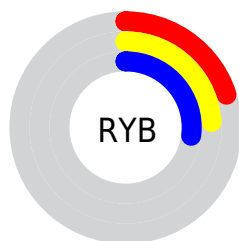
Distribution



Red (20%)

Green (27%)

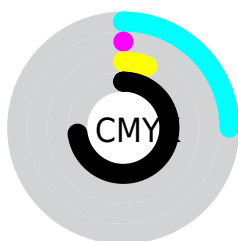
Blue (25%)



Red (20%)

Yellow (24%)

Blue (27%)

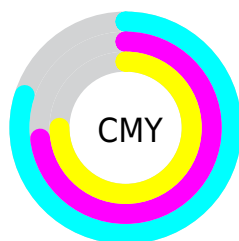


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344541 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 344541 by changing the saturation by 10% instead.

 344541

 344541

FFFFFF

 1E2F2B

 637571

 081A17

 7C8F8A

 000000

 96A9A4

 B1C5C0

 CCE1DB

 E8FDF8

 344541

 344541

 2D453F

 3B4543

 26453E

 424544

 1F453C

 494546

 18453B

 504547

 124539

 564549

 0B4537

 5D454B

 044536

 64454C

 004535

 6B454E

 724550

Harmonies

Analogous

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



39443B



344541



324547

Triad

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



344541



42404C



4C3F38

Complementary

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



344541



453438

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.



4E3E3C



344541



493E48

Square

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



344541



3B424D



4D3D42



474136

Rectangle

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



344541



33444A



4D3D42



4D3F39

Sweetspot

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



344541



535958



384534



2A2E2D



ADADAD



2E2E2E

Same Dimension

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



344541



3E5953



344145



202423



00634C



00E3AE

Inverse Universe

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



453438



593E45



453834



242021



630017



E30035

Previews

White Background



This preview shows how the Hex color 344541 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



This preview shows how the Hex color 344541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

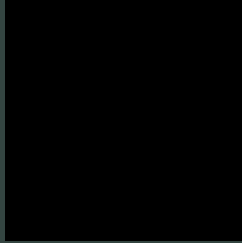
Any Text WCAG AA × Fail

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 344541 Background



This preview shows how black text looks on a background with the Hex color 344541.



This preview shows how white text looks on a background with the Hex color 344541.

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

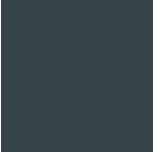
344541

Protanopia

43413F

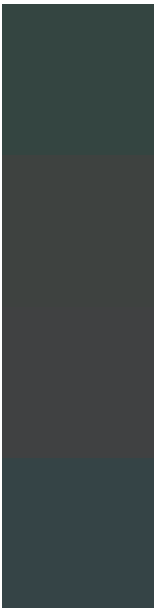
Deuteranopia

473F42



Tritanopia
364449

Trichromacy



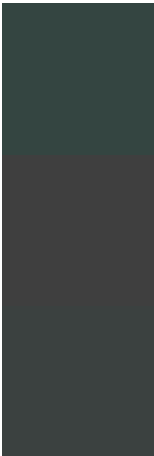
Original Color
344541

Protanomaly
3E4240

Deuteranomaly
404142

Tritanomaly
354446

Monochromacy



Original Color
344541

Achromatopsia
3F3F3F

Achromatomaly
3B4140

CSS Examples

Text

The CSS property to change the color of the text to Hex 344541 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 #344541 looks like.

```
.text, #text, p{  
    color:#344541  
}
```

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 #344541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344541
}
```

Border

The CSS property to change the border of an element to Hex 344541 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
#344541 }
```

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

```
.border{ border-color:#344541 }
```

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

Here you see how a box with a 4 pixel #344541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344541; -webkit-box-shadow:4px 4px  
4px 4px #344541; box-shadow:4px 4px 4px  
4px #344541 }
```

Background

The CSS property to change the background color of an element to Hex 344541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344541 }
```

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

```
.background{ background-color:#344541 }
```

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