

# Converting Colors

Hex(344549)

Have a look what the booklet for  
Hex(344549) contains.

<b>Hex(344549)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(344549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	344549
RGB	52, 69, 73
RGB Percent	20%, 27%, 29%
CMY	0.7961, 0.7294, 0.7137
CMYK	0.29, 0.05, 0.00, 0.71
HSL	191°, 17%, 25%
HSV	191°, 29%, 29%
XYZ	4.7469, 5.4673, 7.1084
YIQ	64.3730, -11.4160, -2.3600

# Conversions

## Conversions Part 2

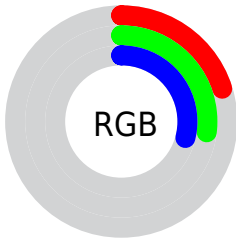
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 61, 73
Decimal	3425609
CIELab	28.03, -5.64, -4.62
CIElCh	28, 7.293, 219.347
Yxy	5.4673, 0.2740, 0.3156
Android (android.graphics.Color)	4281615689 (0xFF344549)
YUV	64.3730, 4.2531, -10.8511
Hunter-Lab	23.3824, -4.6815, -1.6570

# Details

The Hex color **344549** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493834**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **63757A**, and **091A1D** is the 20% darker color. If you saturate the color by 10%, you get **2D4449**, and if you desaturate by 10%, it is **3B4649**.

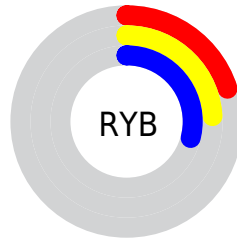
# Distribution



 Red (20%)

 Green (27%)

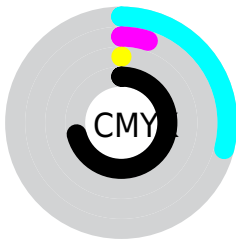
 Blue (29%)



 Red (20%)

 Yellow (24%)

 Blue (29%)

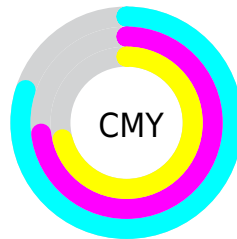


 Cyan (29%)

 Magenta (5%)

 Yellow (0%)

 Black (71%)



 Cyan (80%)

 Magenta (73%)

 Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 344549 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 344549 by changing the saturation by 10% instead.



■ 344549

■ 344549

FFFFFF

■ 1E2F33

■ 63757A

■ 091A1D

■ 7C8F93

■ 000003

■ 96A9AE

■ 000000

■ B1C4C9

■ CDE0E5

■ E9FDFF

■ 344549

■ 344549

■ 2D4449

■ 3B4649

■ 254249

■ 434849

■ 1E4149

■ 4A4949

■ 173F49

■ 514B49

■ 0F3E49

■ 594C49

■ 083D49

■ 604D49

■ 013B49

■ 674F49

■ 003B49

■ 6E5049

■ 765249

# Harmonies

## Analogous

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



344544



344549



38444C

# Triad

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



344549



4B3F46



454237

# Complementary

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



344549



493834

# 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.



4A4038



344549



4E3E41

# Square

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



344549



45404B



4E3F3B



3E4439

# Rectangle

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



344549



3C434D



4E3F3B



474237



# Sweetspot

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



344549



565D5E



344938



2B2F30



B0B0B0



303030



# Same Dimension

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



344549



3D585E



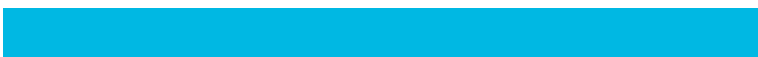
343B49



202324



005163



00B8E3



# Inverse Universe

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



493445



5E3D58



494234



242023



630051

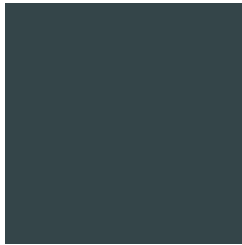


E300B8



# Previews

## White Background



This preview shows how the Hex color 344549 looks on a white background.

## Color Contrast Check

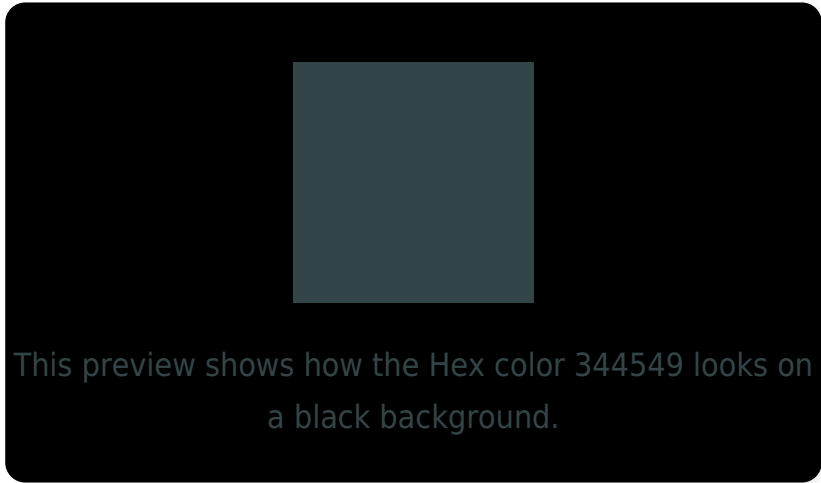
Large Text (above 18pt) WCAG AA ✓ Pass

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

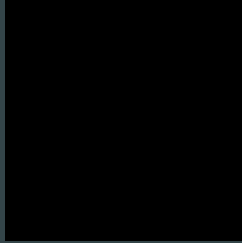
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 344549 Background



This preview shows how black text looks on a background with the Hex color 344549.



This preview shows how white text looks on a background with the Hex color 344549.

# 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](#).

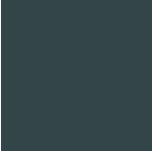
## Dichromacy



**Original Color**  
344549

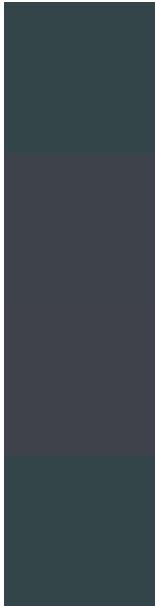
**Protanopia**  
424247

**Deuteranopia**  
45404A



**Tritanopia**  
34454A

# Trichromacy



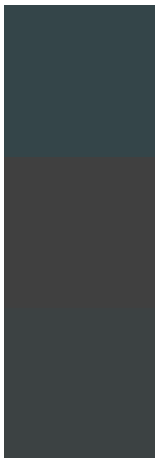
**Original Color**  
344549

**Protanomaly**  
3D4348

**Deuteranomaly**  
3F424A

**Tritanomaly**  
34454A

# Monochromacy



**Original Color**  
344549

**Achromatopsia**  
404040

**Achromatomaly**  
3C4243

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 344549 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 #344549 looks like.

```
.text, #text, p{  
    color:#344549  
}
```

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 #344549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344549
}
```

## Border

The CSS property to change the border of an element to Hex 344549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

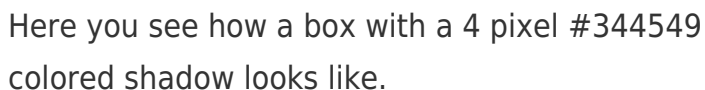
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344549 }
```

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

```
.border{ border-color:#344549 }
```

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



Here you see how a box with a 4 pixel #344549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344549; -webkit-box-shadow:4px 4px  
4px 4px #344549; box-shadow:4px 4px 4px  
4px #344549 }
```

# Background

The CSS property to change the background color of an element to Hex 344549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344549 }
```

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

```
.background{ background-color:#344549 }
```

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