

# Converting Colors

Hex(354F3C)

Have a look what the booklet for  
Hex(354F3C) contains.

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# Color

Hex(354F3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	354F3C
RGB	53, 79, 60
RGB Percent	21%, 31%, 24%
CMY	0.7922, 0.6902, 0.7647
CMYK	0.33, 0.00, 0.24, 0.69
HSL	136°, 20%, 26%
HSV	136°, 33%, 31%
XYZ	5.0798, 6.6751, 5.2957
YIQ	69.0600, -9.3970, -11.4210

# Conversions

## Conversions Part 2

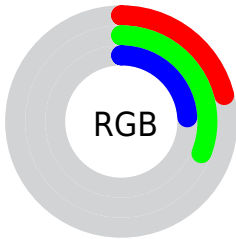
Format	Color
<a href="#">RYB</a>	<a href="#">53, 73, 79</a>
Decimal	<a href="#">3493692</a>
CIELab	<a href="#">31.06, -14.49, 8.13</a>
CIELCh	<a href="#">31, 16.610, 150.712</a>
Yxy	<a href="#">6.6751, 0.2979, 0.3915</a>
Android (android.graphics.Color)	<a href="#">4281683772 (0xFF354F3C)</a>
YUV	<a href="#">69.0600, -4.4666, -14.0846</a>
Hunter-Lab	<a href="#">25.8362, -10.1175, 5.9327</a>

# Details

The Hex color **354F3C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F3548**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **64806B**, and **0A2212** is the 20% darker color. If you saturate the color by 10%, you get **2D4F36**, and if you desaturate by 10%, it is **3D4F42**.

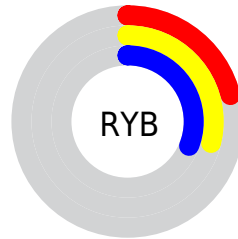
# Distribution



 Red (21%)

 Green (31%)

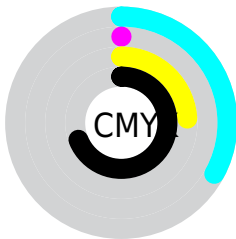
 Blue (24%)



 Red (21%)

 Yellow (29%)

 Blue (31%)

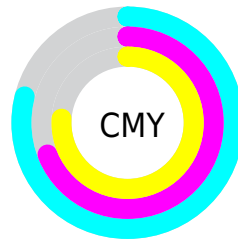


 Cyan (33%)

 Magenta (0%)

 Yellow (24%)

 Black (69%)



 Cyan (79%)

 Magenta (69%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354F3C 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 354F3C by changing the saturation by 10% instead.





354F3C



354F3C

FFFFFF



1F3826



64806B



0A2212



7E9A85



000700



98B59F



000000



B3D1BA



CEEDD5



EBFFF2



354F3C



354F3C



2D4F36



3D4F42

■ 254F30

■ 454F48

■ 1D4F2B

■ 4D4F4D

■ 154F25

■ 554F53

■ 0E4F1F

■ 5D4F59

■ 064F19

■ 644F5F

■ 004F15

■ 6C4F64

■ 744F6A

■ 7C4F70

# Harmonies

## Analogous

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



444C32



354F3C



275049

# Triad

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



354F3C



394A63



63403C

# Complementary

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



354F3C



4F3548

# 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.



623F49



354F3C



4B465F

# Square

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



354F3C



274E5F



5A4156



5D4433

# Rectangle

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



354F3C



205052



5A4156



634041



# Sweetspot

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



354F3C



5C665F



484F35



2D332F



B3B3B3



333333



# Same Dimension

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



354F3C



3E6649



354F49



222623



00661B



00E63E



# Inverse Universe

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



4F3548



663E5B



4F353B



262225



66004B

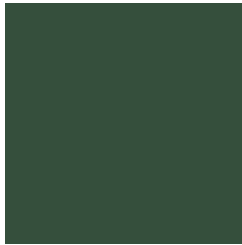


E600A8



# Previews

## White Background



This preview shows how the Hex color 354F3C looks on a white background.

## Color Contrast Check

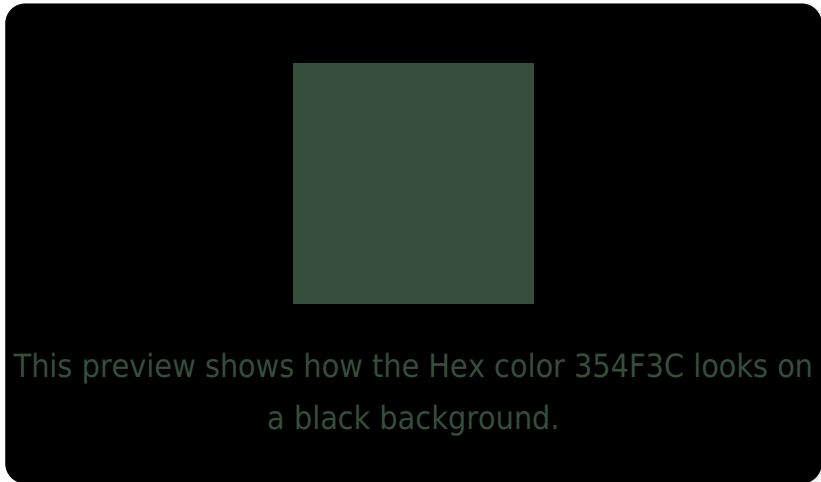
Large Text (above 18pt) WCAG AA ✓ Pass

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

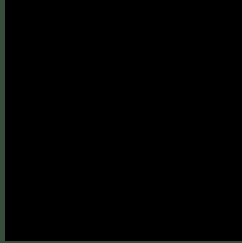
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 354F3C Background



This preview shows how black text looks on a background with the Hex color 354F3C.



This preview shows how white text looks on a background with the Hex color 354F3C.

# 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**  
354F3C

**Protanopia**  
4E4939

**Deuteranopia**  
54463E



**Tritanopia**  
394C52

# Trichromacy



**Original Color**  
354F3C

**Protanomaly**  
454B3A

**Deuteranomaly**  
49493D

**Tritanomaly**  
384D4A

# Monochromacy



**Original Color**  
354F3C

**Achromatopsia**  
454545

**Achromatomaly**  
3F4942

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354F3C 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 #354F3C looks like.

```
.text, #text, p{  
    color:#354F3C  
}
```

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 #354F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354F3C
}
```

## Border

The CSS property to change the border of an element to Hex 354F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

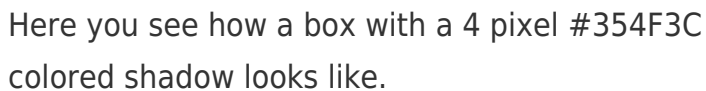
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354F3C }
```

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

```
.border{ border-color:#354F3C }
```

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



Here you see how a box with a 4 pixel #354F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354F3C; -webkit-box-shadow:4px 4px  
4px 4px #354F3C; box-shadow:4px 4px 4px  
4px #354F3C }
```

# Background

The CSS property to change the background color of an element to Hex 354F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354F3C }
```

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

```
.background{ background-color:#354F3C }
```

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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