

Converting Colors

Hex(354A37)

Have a look what the booklet for
Hex(354A37) contains.

Hex(354A37)	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(354A37)

Conversions

Conversions Part 1

Format	Color
Hex	354A37
RGB	53, 74, 55
RGB Percent	21%, 29%, 22%
CMY	0.7922, 0.7098, 0.7843
CMYK	0.28, 0.00, 0.26, 0.71
HSL	126°, 17%, 25%
HSV	126°, 28%, 29%
XYZ	4.6066, 5.9303, 4.5163
YIQ	65.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

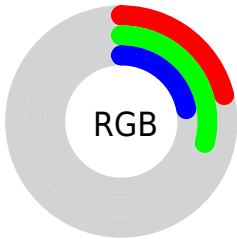
Format	Color
RYB	53, 72, 74
Decimal	3492407
CIELab	29.24, -12.68, 8.76
CIElCh	29, 15.416, 145.365
Yxy	5.9303, 0.3060, 0.3940
Android (android.graphics.Color)	4281682487 (0xFF354A37)
YUV	65.5550, -5.2036, -11.0107
Hunter-Lab	24.3522, -8.8504, 6.0507

Details

The Hex color **354A37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3548**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **647B66**, and **0A1E0C** is the 20% darker color. If you saturate the color by 10%, you get **2E4A30**, and if you desaturate by 10%, it is **3C4A3E**.

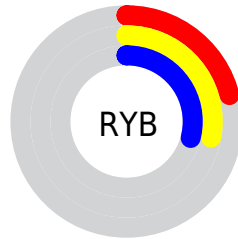
Distribution



 Red (21%)

 Green (29%)

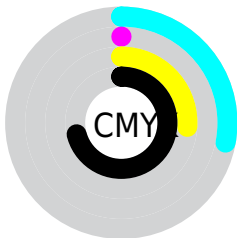
 Blue (22%)



 Red (21%)

 Yellow (28%)

 Blue (29%)

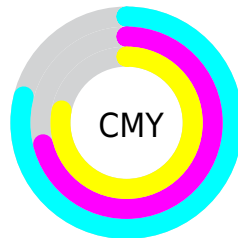


 Cyan (28%)

 Magenta (0%)

 Yellow (26%)

 Black (71%)



 Cyan (79%)

 Magenta (71%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354A37 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 354A37 by changing the saturation by 10% instead.



354A37



354A37

FFFFFF



1F3322



647B66



0A1E0C



7D957F



000000



97AF99



B2CBB4



CEE7CF



EAF FEB



354A37



354A37



2E4A30



3C4A3E

■ 264A2A

■ 444A44

■ 1F4A23

■ 4B4A4B

■ 174A1C

■ 534A52

■ 104A16

■ 5A4A58

■ 094A0F

■ 614A5F

■ 014A08

■ 694A66

■ 004A07

■ 704A6D

■ 784A73

Harmonies

Analogous

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



43472F



354A37



284B43

Triad

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



354A37



33475C



5D3D3B

Complementary

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



354A37



4A3548

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.



5B3C47



354A37



44425A

Square

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



354A37



244A58



523F53



584032

Rectangle

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



354A37



214C4B



523F53



5D3C3F

Sweetspot

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



354A37



586159



484A35



2B302C



B0B0B0



303030

Same Dimension

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



354A37



406143



354A41



222623



00660A



00E616

Inverse Universe

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



4A3548



61405E



4A353E



262226



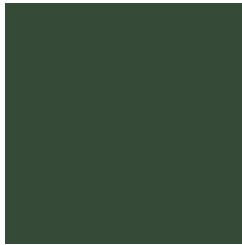
66005C



E600D0

Previews

White Background



This preview shows how the Hex color 354A37 looks on a white background.

Color Contrast Check

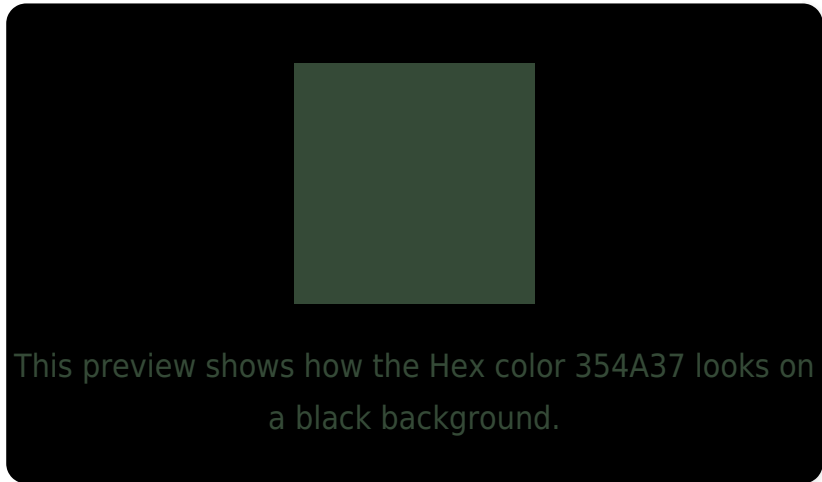
Large Text (above 18pt) WCAG AA ✓ Pass

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

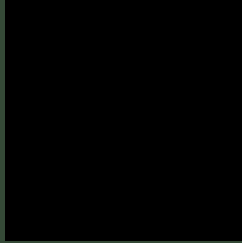
Any Text WCAG AA × Fail

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 354A37 Background



This preview shows how black text looks on a background with the Hex color 354A37.



This preview shows how white text looks on a background with the Hex color 354A37.

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](#).

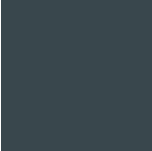
Dichromacy



Original Color
354A37

Protanopia
494535

Deuteranopia
504239



Tritanopia
39474D

Trichromacy



Original Color
354A37

Protanomaly
424736

Deuteranomaly
464538

Tritanomaly
384845

Monochromacy



Original Color
354A37

Achromatopsia
424242

Achromatomaly
3D453E

CSS Examples

Text

The CSS property to change the color of the text to Hex 354A37 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 #354A37 looks like.

```
.text, #text, p{  
    color:#354A37  
}
```

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 #354A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354A37
}
```

Border

The CSS property to change the border of an element to Hex 354A37 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
#354A37 }
```

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

```
.border{ border-color:#354A37 }
```

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

Here you see how a box with a 4 pixel #354A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354A37; -webkit-box-shadow:4px 4px  
4px 4px #354A37; box-shadow:4px 4px 4px  
4px #354A37 }
```

Background

The CSS property to change the background color of an element to Hex 354A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354A37 }
```

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

```
.background{ background-color:#354A37 }
```

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