

# Converting Colors

Hex(354E34)

Have a look what the booklet for  
Hex(354E34) contains.

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# Color

**Hex(354E34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	354E34
RGB	53, 78, 52
RGB Percent	21%, 31%, 20%
CMY	0.7922, 0.6941, 0.7961
CMYK	0.32, 0.00, 0.33, 0.69
HSL	118°, 20%, 25%
HSV	118°, 33%, 31%
XYZ	4.8124, 6.4536, 4.2408
YIQ	67.5610, -6.5540, -13.3860

# Conversions

## Conversions Part 2

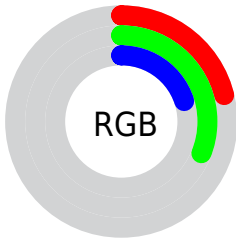
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 78, 77
Decimal	3493428
CIELab	30.53, -15.58, 12.43
CIELCh	31, 19.932, 141.424
Yxy	6.4536, 0.3103, 0.4162
Android (android.graphics.Color)	4281683508 (0xFF354E34)
YUV	67.5610, -7.6716, -12.7700
Hunter-Lab	25.4039, -10.6425, 7.8851

# Details

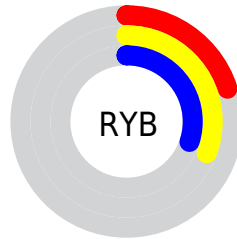
The Hex color **354E34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D344E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **657F63**, and **0B2107** is the 20% darker color. If you saturate the color by 10%, you get **2E4E2C**, and if you desaturate by 10%, it is **3D4E3C**.

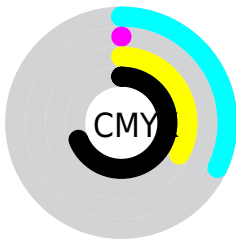
# Distribution



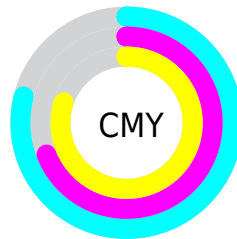
- Red (21%)
- Green (31%)
- Blue (20%)



- Red (20%)
- Yellow (31%)
- Blue (30%)



- Cyan (32%)
- Magenta (0%)
- Yellow (33%)
- Black (69%)



- Cyan (79%)
- Magenta (69%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354E34 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 354E34 by changing the saturation by 10% instead.



 354E34

 354E34

FFFFFF

 1F371F

 657F63

 0B2107

 7E997C

 000400

 98B495

 000000

 B3D0B0

 CEECCC

 EBF FE8

 354E34

 354E34

 2E4E2C

 3D4E3C

■ 264E24

■ 444E44

■ 1E4E1D

■ 4C4E4B

■ 174E15

■ 534E53

■ 0F4E0D

■ 5B4E5B

■ 084E05

■ 624E63

■ 034E00

■ 6A4E6B

■ 714E72

■ 794E7A

# Harmonies

## Analogous

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



474A2A



354E34



215043

# Triad

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



354E34



2A4B66



663C3D

# Complementary

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



354E34



4D344E

# 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.



633C4D



354E34



434565

# Square

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



354E34



104E60



57405B



614030

# Rectangle

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



354E34



13504D



57405B



663C42



# Sweetspot

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



354E34



5C665C



4E4D34



2D332D



B3B3B3



333333



# Same Dimension

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



354E34



3F663D



344E40



232622



046600



09E600



# Inverse Universe

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



4D344E



643D66



4E3442



262226



620066

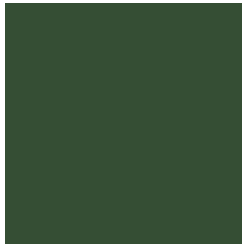


DD00E6



# Previews

## White Background



This preview shows how the Hex color 354E34 looks on a white background.

## Color Contrast Check

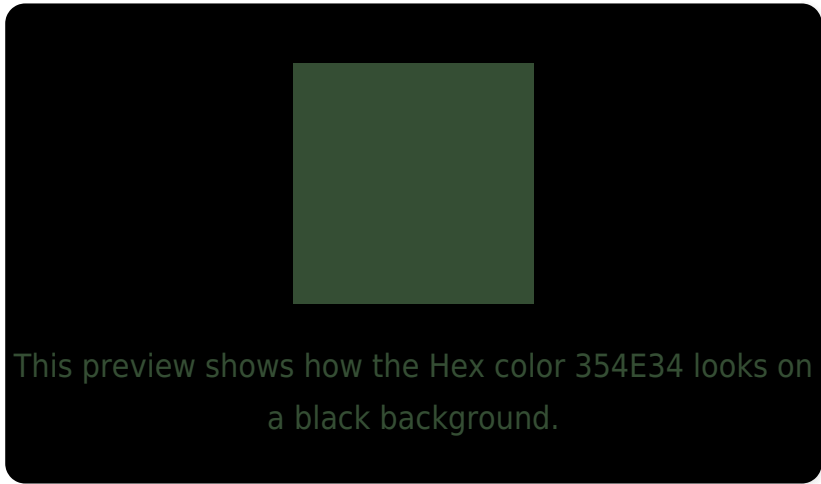
Large Text (above 18pt) WCAG AA ✓ Pass

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

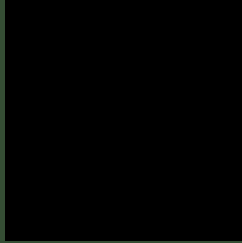
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 354E34 Background



This preview shows how black text looks on a background with the Hex color 354E34.



This preview shows how white text looks on a background with the Hex color 354E34.

# 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](#).

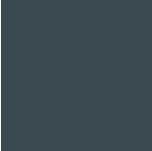
## Dichromacy



**Original Color**  
354E34

**Protanopia**  
4D4831

**Deuteranopia**  
544536



**Tritanopia**  
3A4A50

# Trichromacy



**Original Color**  
354E34

**Protanomaly**  
444A32

**Deuteranomaly**  
494835

**Tritanomaly**  
384B46

# Monochromacy



**Original Color**  
354E34

**Achromatopsia**  
444444

**Achromatomaly**  
3F483E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354E34 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 #354E34 looks like.

```
.text, #text, p{  
    color:#354E34  
}
```

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 #354E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354E34
}
```

## Border

The CSS property to change the border of an element to Hex 354E34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

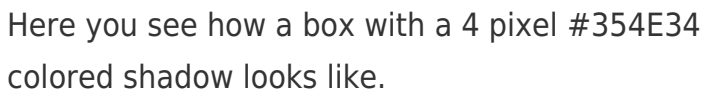
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354E34 }
```

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

```
.border{ border-color:#354E34 }
```

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



Here you see how a box with a 4 pixel #354E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354E34; -webkit-box-shadow:4px 4px  
4px 4px #354E34; box-shadow:4px 4px 4px  
4px #354E34 }
```

# Background

The CSS property to change the background color of an element to Hex 354E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354E34 }
```

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

```
.background{ background-color:#354E34 }
```

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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