

# Converting Colors

Hex(354E47)

Have a look what the booklet for  
Hex(354E47) contains.

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# Color

**Hex(354E47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	354E47
RGB	53, 78, 71
RGB Percent	21%, 31%, 28%
CMY	0.7922, 0.6941, 0.7216
CMYK	0.32, 0.00, 0.09, 0.69
HSL	163°, 19%, 26%
HSV	163°, 32%, 31%
XYZ	5.3299, 6.6606, 6.9659
YIQ	69.7270, -12.6530, -7.4770

# Conversions

## Conversions Part 2

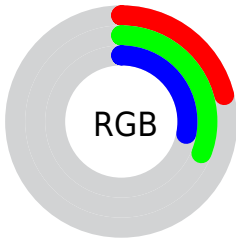
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 68, 78
Decimal	3493447
CIE <sub>Lab</sub>	31.02, -11.30, 1.08
CIE <sub>LCh</sub>	31, 11.350, 174.533
Yxy	6.6606, 0.2812, 0.3514
Android (android.graphics.Color)	4281683527 (0xFF354E47)
YUV	69.7270, 0.6276, -14.6696
Hunter-Lab	25.8081, -8.3002, 2.0626

# Details

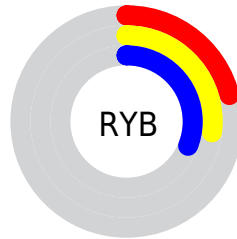
The Hex color **354E47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E353C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **647F77**, and **09221C** is the 20% darker color. If you saturate the color by 10%, you get **2D4E45**, and if you desaturate by 10%, it is **3D4E49**.

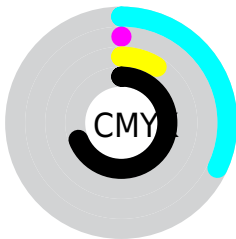
# Distribution



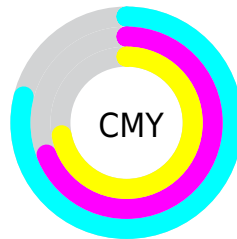
- Red (21%)
- Green (31%)
- Blue (28%)



- Red (21%)
- Yellow (27%)
- Blue (31%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (69%)



- Cyan (79%)
- Magenta (69%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354E47 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 354E47 by changing the saturation by 10% instead.





354E47



354E47

FFFFFF



1F3731



647F77



09221C



7E9991



000701



98B4AB



000000



B3CFC7



CEECE3



EBFFFF



354E47



354E47



2D4E45



3D4E49

■ 254E43

■ 454E4B

■ 1E4E40

■ 4C4E4E

■ 164E3E

■ 544E50

■ 0E4E3C

■ 5C4E52

■ 064E3A

■ 644E54

■ 004E38

■ 6C4E56

■ 734E58

■ 7B4E5B

# Harmonies

## Analogous

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



3E4D3E



354E47



314E50

# Triad

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



354E47



484759



58453B

# Complementary

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



354E47



4E353C

# 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.



5B4342



354E47



534453

# Square

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



354E47



3D4A5A



5A434B



514837

# Rectangle

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



354E47



314D55



5A434B



5A443D



# Sweetspot

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



354E47



5C6663



3C4E35



2D3331



B3B3B3



333333



# Same Dimension

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



354E47



3F665B



35494E



222625



006649



00E6A5



# Inverse Universe

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



4E353C



663F4A



4E3A35



262223



66001D



E60040



# Previews

## White Background



This preview shows how the Hex color 354E47 looks on a white background.

## Color Contrast Check

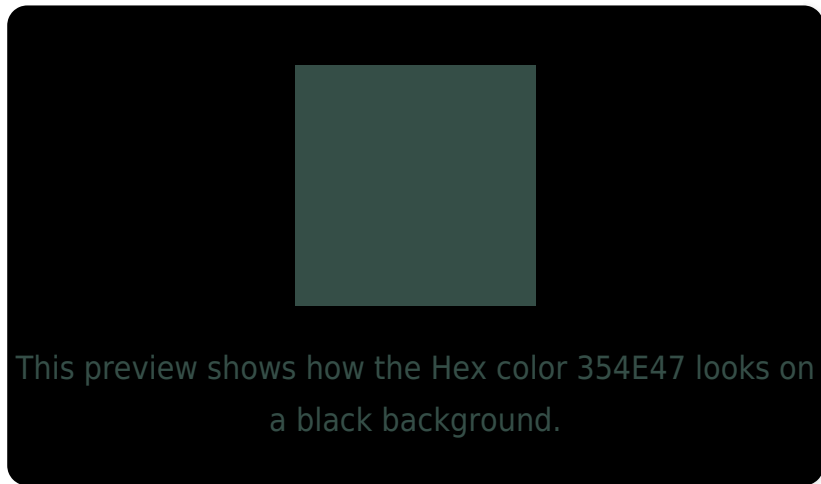
Large Text (above 18pt) WCAG AA ✓ Pass

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

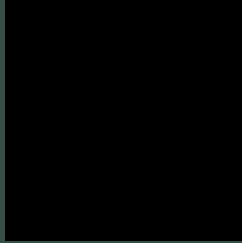
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 354E47 Background



This preview shows how black text looks on a background with the Hex color 354E47.



This preview shows how white text looks on a background with the Hex color 354E47.

# 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**  
354E47

**Protanopia**  
4B4944

**Deuteranopia**  
504649



**Tritanopia**  
384C52

# Trichromacy



**Original Color**  
354E47

**Protanomaly**  
434B45

**Deuteranomaly**  
464948

**Tritanomaly**  
374D4E

# Monochromacy



**Original Color**  
354E47

**Achromatopsia**  
464646

**Achromatomaly**  
404946

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354E47 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 #354E47 looks like.

```
.text, #text, p{  
    color:#354E47  
}
```

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 #354E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354E47
}
```

## Border

The CSS property to change the border of an element to Hex 354E47 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
#354E47 }
```

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

```
.border{ border-color:#354E47 }
```

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

Here you see how a box with a 4 pixel #354E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354E47; -webkit-box-shadow:4px 4px  
4px 4px #354E47; box-shadow:4px 4px 4px  
4px #354E47 }
```

# Background

The CSS property to change the background color of an element to Hex 354E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354E47 }
```

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

```
.background{ background-color:#354E47 }
```

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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