

Converting Colors

Hex(355E4B)

Have a look what the booklet for
Hex(355E4B) contains.

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Color

Hex(355E4B)

Conversions

Conversions Part 1

Format	Color
Hex	355E4B
RGB	53, 94, 75
RGB Percent	21%, 37%, 29%
CMY	0.7922, 0.6314, 0.7059
CMYK	0.44, 0.00, 0.20, 0.63
HSL	152°, 28%, 29%
HSV	152°, 44%, 37%
XYZ	6.7409, 9.2703, 8.0907
YIQ	79.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

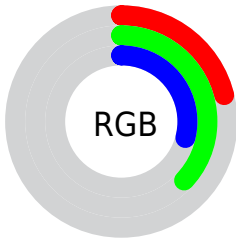
Format	Color
R_{YB}	53, 80, 94
Decimal	3497547
CIE _{Lab}	36.50, -19.33, 6.43
CIE _{LCh}	36, 20.369, 161.586
Yxy	9.2703, 0.2797, 0.3846
Android (android.graphics.Color)	4281687627 (0xFF355E4B)
YUV	79.5750, -2.2555, -23.3063
Hunter-Lab	30.4472, -13.7632, 5.5580

Details

The Hex color **355E4B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3548**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **66917C**, and **042F1F** is the 20% darker color. If you saturate the color by 10%, you get **2C5E47**, and if you desaturate by 10%, it is **3E5E4F**.

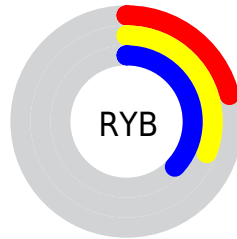
Distribution



Red (21%)

Green (37%)

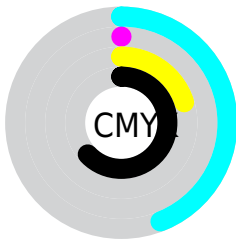
Blue (29%)



Red (21%)

Yellow (31%)

Blue (37%)

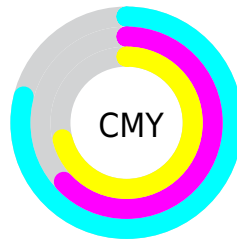


Cyan (44%)

Magenta (0%)

Yellow (20%)

Black (63%)



Cyan (79%)

Magenta (63%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355E4B 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 355E4B by changing the saturation by 10% instead.



355E4B



355E4B

FFFFFF



1D4634



66917C



042F1F



7FAB96



001C07



9AC7B0



000000



B5E3CC



D1FFE8



EDFFFF



355E4B



355E4B



2C5E47



3E5E4F

■ 225E42

■ 485E54

■ 195E3E

■ 515E58

■ 0F5E3A

■ 5B5E5C

■ 065E35

■ 645E61

■ 005E32

■ 6D5E65

■ 775E69

■ 805E6E

■ 8A5E72

Harmonies

Analogous

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



495B3D



355E4B



235F5C

Triad

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



355E4B



495576



744C41

Complementary

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



355E4B



5E3548

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.



764950



355E4B



604F6E

Square

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



355E4B



305A74



704B61



6A5137

Rectangle

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



355E4B



1D5E66



704B61



754B46

Sweetspot

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



355E4B



6A7A73



485E35



333D39



BDBDBD



3D3D3D

Same Dimension

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



355E4B



3B7A5D



355D5E



292E2C



006E3B



00ED7F

Inverse Universe

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



5E3548



7A3B58



5E3635



2E292B



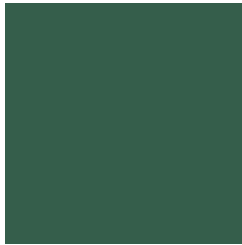
6E0033



ED006E

Previews

White Background



This preview shows how the Hex color 355E4B looks on a white background.

Color Contrast Check

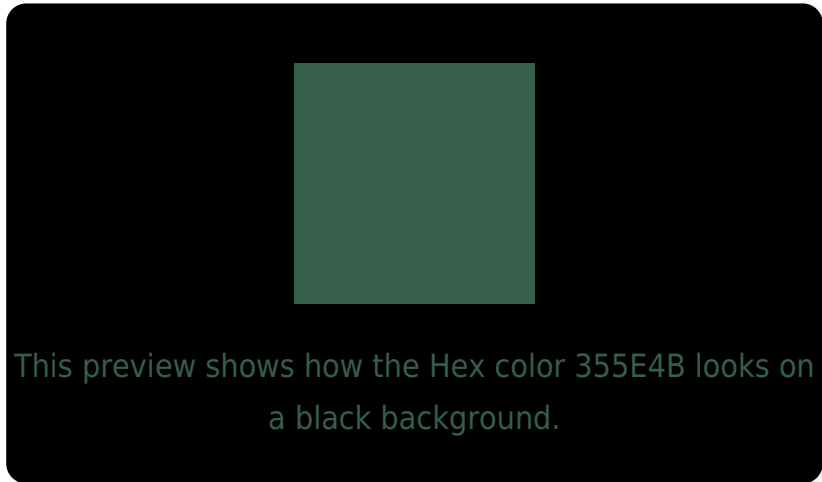
Large Text (above 18pt) WCAG AA ✓ Pass

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

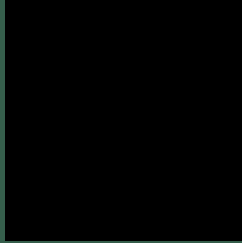
Any Text WCAG AA × Fail

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 355E4B Background



This preview shows how black text looks on a background with the Hex color 355E4B.



This preview shows how white text looks on a background with the Hex color 355E4B.

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
355E4B

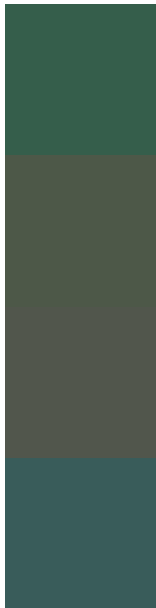
Protanopia
5A5547

Deuteranopia
61524D



Tritanopia
3B5B62

Trichromacy



Original Color
355E4B

Protanomaly
4D5848

Deuteranomaly
51564C

Tritanomaly
395C5A

Monochromacy



Original Color
355E4B

Achromatopsia
505050

Achromatomaly
46554E

CSS Examples

Text

The CSS property to change the color of the text to Hex 355E4B 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 #355E4B looks like.

```
.text, #text, p{  
    color:#355E4B  
}
```

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 #355E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355E4B
}
```

Border

The CSS property to change the border of an element to Hex 355E4B 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".

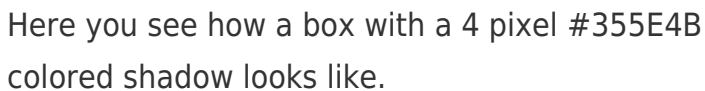
```
.border, #border, table{ border:4px solid
#355E4B }
```

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

```
.border{ border-color:#355E4B }
```

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

Here you see how a box with a 4 pixel #355E4B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355E4B; -webkit-box-shadow:4px 4px  
4px 4px #355E4B; box-shadow:4px 4px 4px  
4px #355E4B }
```

Background

The CSS property to change the background color of an element to Hex 355E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355E4B }
```

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

```
.background{ background-color:#355E4B }
```

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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