

Converting Colors

Hex(355E3A)

Have a look what the booklet for
Hex(355E3A) contains.

Hex(355E3A)	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(355E3A)

Conversions

Conversions Part 1

Format	Color
Hex	355E3A
RGB	53, 94, 58
RGB Percent	21%, 37%, 23%
CMY	0.7922, 0.6314, 0.7725
CMYK	0.44, 0.00, 0.38, 0.63
HSL	127°, 28%, 29%
HSV	127°, 44%, 37%
XYZ	6.2346, 9.0678, 5.4246
YIQ	77.6370, -12.8800, -19.8880

Conversions

Conversions Part 2

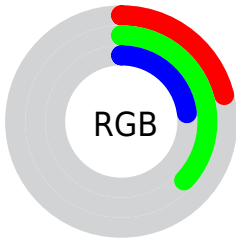
Format	Color
RYB	53, 90, 94
Decimal	3497530
CIELab	36.11, -22.98, 16.26
CIELCh	36, 28.154, 144.722
Yxy	9.0678, 0.3008, 0.4375
Android (android.graphics.Color)	4281687610 (0xFF355E3A)
YUV	77.6370, -9.6810, -21.6066
Hunter-Lab	30.1128, -15.7402, 10.3982

Details

The Hex color **355E3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E3559**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **669169**, and **042F0F** is the 20% darker color. If you saturate the color by 10%, you get **2C5E32**, and if you desaturate by 10%, it is **3E5E42**.

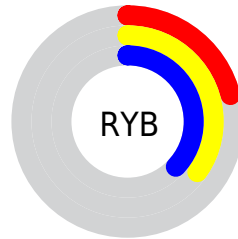
Distribution



Red (21%)

Green (37%)

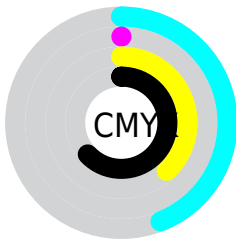
Blue (23%)



Red (21%)

Yellow (35%)

Blue (37%)

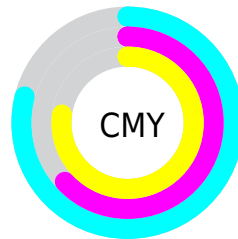


Cyan (44%)

Magenta (0%)

Yellow (38%)

Black (63%)



Cyan (79%)

Magenta (63%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355E3A 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 355E3A by changing the saturation by 10% instead.

 355E3A

 355E3A

FFFFFF

 1D4624

 669169

 042F0F

 80AB83

 001C00

 9AC79D

 000000

 B5E3B8

 D1FFD4

 EEEFF0

 355E3A

 355E3A

 2C5E32

 3E5E42

■ 225E29

■ 485E4B

■ 195E21

■ 515E53

■ 0F5E19

■ 5B5E5B

■ 065E11

■ 645E63

■ 005E0B

■ 6D5E6C

■ 775E74

■ 805E7C

■ 8A5E84

Harmonies

Analogous

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



50592B



355E3A



096050

Triad

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



355E3A



265882



804443

Complementary

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



355E3A



5E3559

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.



7D435A



355E3A



51517E

Square

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



355E3A



005E79



6D486F



774A31

Rectangle

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



355E3A



006160



6D486F



80434B

Sweetspot

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



355E3A



6A7A6C



595E35



333D35



BDBDBD



3D3D3D

Same Dimension

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



355E3A



3B7A43



355E4E



292E2A



006E0D



00ED1D

Inverse Universe

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



5E3559



7A3B73



5E3545



2E292D



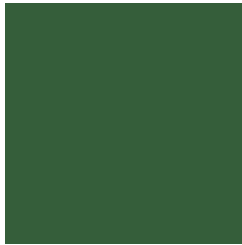
6E0060



ED00D0

Previews

White Background



This preview shows how the Hex color 355E3A looks on a white background.

Color Contrast Check

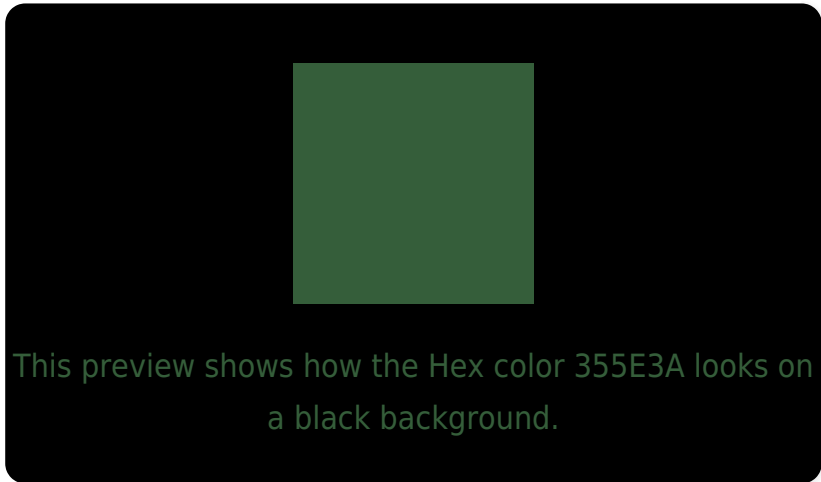
Large Text (above 18pt) WCAG AA ✓ Pass

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

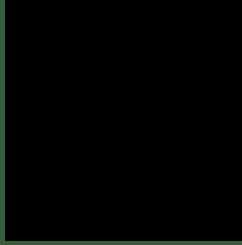
Any Text WCAG AA × Fail

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 355E3A Background



This preview shows how black text looks on a background with the Hex color 355E3A.



This preview shows how white text looks on a background with the Hex color 355E3A.

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
355E3A

Protanopia
5C5536

Deuteranopia
64513D



Tritanopia
3D5961

Trichromacy



Original Color
355E3A

Protanomaly
4E5837

Deuteranomaly
53563C

Tritanomaly
3A5B53

Monochromacy



Original Color
355E3A

Achromatopsia
4E4E4E

Achromatomaly
455447

CSS Examples

Text

The CSS property to change the color of the text to Hex 355E3A 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 #355E3A looks like.

```
.text, #text, p{  
    color:#355E3A  
}
```

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 #355E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355E3A
}
```

Border

The CSS property to change the border of an element to Hex 355E3A 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
#355E3A }
```

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

```
.border{ border-color:#355E3A }
```

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

Here you see how a box with a 4 pixel #355E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355E3A; -webkit-box-shadow:4px 4px  
4px 4px #355E3A; box-shadow:4px 4px 4px  
4px #355E3A }
```

Background

The CSS property to change the background color of an element to Hex 355E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355E3A }
```

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

```
.background{ background-color:#355E3A }
```

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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