

Converting Colors

Hex(345E2D)

Have a look what the booklet for
Hex(345E2D) contains.

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Color

Hex(345E2D)

Conversions

Conversions Part 1

Format	Color
Hex	345E2D
RGB	52, 94, 45
RGB Percent	20%, 37%, 18%
CMY	0.7961, 0.6314, 0.8235
CMYK	0.45, 0.00, 0.52, 0.63
HSL	111°, 35%, 27%
HSV	111°, 52%, 37%
XYZ	5.8925, 8.9249, 3.8947
YIQ	75.8560, -9.3030, -24.1430

Conversions

Conversions Part 2

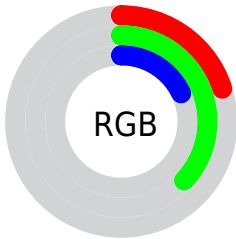
Format	Color
RYB	45, 94, 87
Decimal	3431981
CIELab	35.84, -25.56, 23.48
CIElCh	36, 34.705, 137.423
Yxy	8.9249, 0.3149, 0.4770
Android (android.graphics.Color)	4281622061 (0xFF345E2D)
YUV	75.8560, -15.2120, -20.9217
Hunter-Lab	29.8746, -17.0729, 13.1826

Details

The Hex color **345E2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572D5E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **65915C**, and **042F00** is the 20% darker color. If you saturate the color by 10%, you get **2C5E24**, and if you desaturate by 10%, it is **3C5E36**.

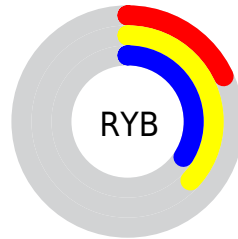
Distribution



Red (20%)

Green (37%)

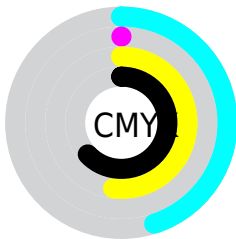
Blue (18%)



Red (18%)

Yellow (37%)

Blue (34%)

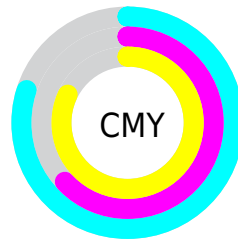


Cyan (45%)

Magenta (0%)

Yellow (52%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345E2D 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 345E2D by changing the saturation by 10% instead.

■ 345E2D

■ 345E2D

FFFFFF

■ 1C4617

■ 65915C

■ 042F00

■ 7FAB75

■ 001D00

■ 9AC78F

■ 000000

■ B5E3A9

■ D1FFC5

■ EDFFE1

FFFFFFD

■ 345E2D

■ 345E2D

■ 2C5E24

■ 3C5E36

■ 245E1A

■ 445E40

■ 1C5E11

■ 4C5E49

■ 145E07

■ 545E53

■ 0D5E00

■ 5C5E5C

■ 645E65

■ 6C5E6F

■ 745E78

■ 7D5E82

Harmonies

Analogous

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



54581C



345E2D



006147

Triad

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



345E2D



005B8A



883C45

Complementary

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



345E2D



572D5E

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.



813D61



345E2D



415289

Square

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



345E2D



00607D



6B467A



80442C

Rectangle

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



345E2D



00625B



6B467A



873C4E

Sweetspot

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



345E2D



6A7A67



5E572D



333D32



BDBDBD



3D3D3D

Same Dimension

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



345E2D



387A2D



2D5E3E



2A2E29



106E00



22ED00

Inverse Universe

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



572D5E



6F2D7A



5E2D4D



2D292E



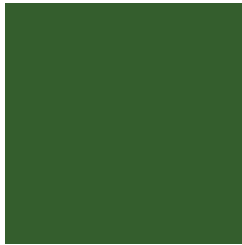
5E006E



CB00ED

Previews

White Background



This preview shows how the Hex color 345E2D looks on a white background.

Color Contrast Check

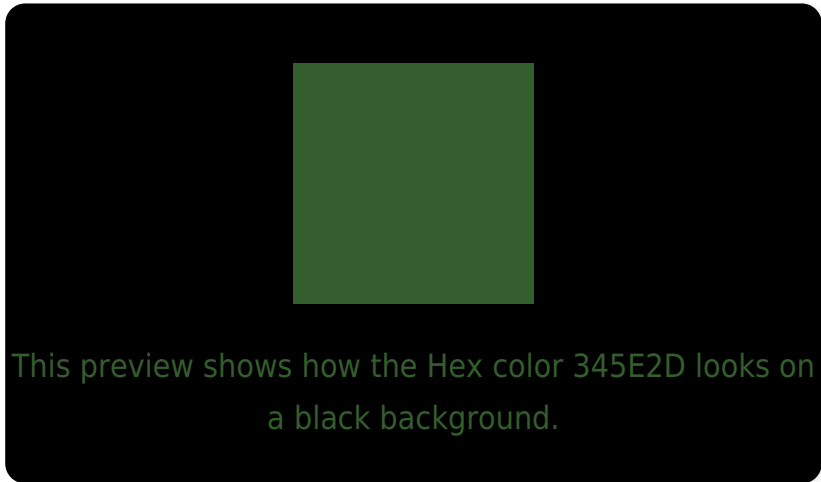
Large Text (above 18pt) WCAG AA ✓ Pass

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

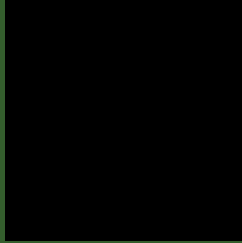
Any Text WCAG AA × Fail

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 345E2D Background



This preview shows how black text looks on a background with the Hex color 345E2D.



This preview shows how white text looks on a background with the Hex color 345E2D.

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
345E2D

Protanopia
5D542A

Deuteranopia
665031



Tritanopia
3E5960

Trichromacy



Original Color
345E2D

Protanomaly
4E582B

Deuteranomaly
545530

Tritanomaly
3A5B4D

Monochromacy



Original Color
345E2D

Achromatopsia
4C4C4C

Achromatomaly
435341

CSS Examples

Text

The CSS property to change the color of the text to Hex 345E2D 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 #345E2D looks like.

```
.text, #text, p{  
    color:#345E2D  
}
```

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 #345E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345E2D
}
```

Border

The CSS property to change the border of an element to Hex 345E2D 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".

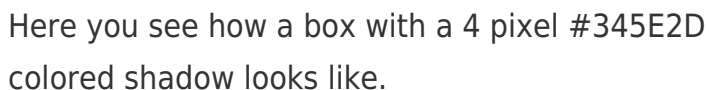
```
.border, #border, table{ border:4px solid
#345E2D }
```

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

```
.border{ border-color:#345E2D }
```

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

Here you see how a box with a 4 pixel #345E2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345E2D; -webkit-box-shadow:4px 4px  
4px 4px #345E2D; box-shadow:4px 4px 4px  
4px #345E2D }
```

Background

The CSS property to change the background color of an element to Hex 345E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345E2D }
```

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

```
.background{ background-color:#345E2D }
```

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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