

Converting Colors

Hex(345E4D)

Have a look what the booklet for
Hex(345E4D) contains.

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Color

Hex(345E4D)

Conversions

Conversions Part 1

Format	Color
Hex	345E4D
RGB	52, 94, 77
RGB Percent	20%, 37%, 30%
CMY	0.7961, 0.6314, 0.6980
CMYK	0.45, 0.00, 0.18, 0.63
HSL	156°, 29%, 29%
HSV	156°, 45%, 37%
XYZ	6.7584, 9.2713, 8.4545
YIQ	79.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

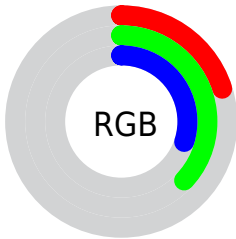
Format	Color
RYB	52, 78, 94
Decimal	3432013
CIELab	36.50, -19.16, 5.20
CIElCh	37, 19.847, 164.825
Yxy	9.2713, 0.2760, 0.3787
Android (android.graphics.Color)	4281622093 (0xFF345E4D)
YUV	79.5040, -1.2345, -24.1210
Hunter-Lab	30.4488, -13.6654, 4.8515

Details

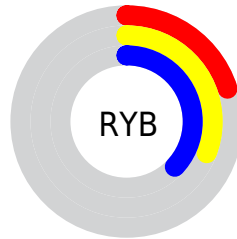
The Hex color **345E4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3445**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **65917E**, and **032F21** is the 20% darker color. If you saturate the color by 10%, you get **2B5E49**, and if you desaturate by 10%, it is **3D5E51**.

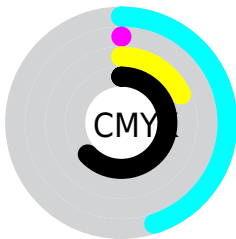
Distribution



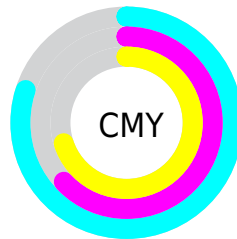
- Red (20%)
- Green (37%)
- Blue (30%)



- Red (20%)
- Yellow (31%)
- Blue (37%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345E4D 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 345E4D by changing the saturation by 10% instead.

■ 345E4D

■ 345E4D

FFFFFF

■ 1C4636

■ 65917E

■ 032F21

■ 7FAB98

■ 001C0A

■ 99C7B3

■ 000000

■ B4E3CE

■ D0FFEA

■ EDFFFF

■ 345E4D

■ 345E4D

■ 2B5E49

■ 3D5E51

■ 215E45

■ 475E55

■ 185E42

■ 505E58

■ 0E5E3E

■ 5A5E5C

■ 055E3A

■ 635E60

■ 005E38

■ 6C5E64

■ 765E68

■ 7F5E6B

■ 895E6F

Harmonies

Analogous

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



475C3F



345E4D



235F5D

Triad

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



345E4D



4C5575



724D40

Complementary

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



345E4D



5E3445

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.



764A4E



345E4D



624F6D

Square

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



345E4D



345A74



704B5F



685237

Rectangle

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



345E4D



1F5E67



704B5F



744C44

Sweetspot

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



345E4D



6A7A74



465E34



333D39



BDBDBD



3D3D3D

Same Dimension

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



345E4D



387A60



345B5E



292E2C



006E41



00ED8D

Inverse Universe

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



5E3445



7A3853



5E3834



2E292B



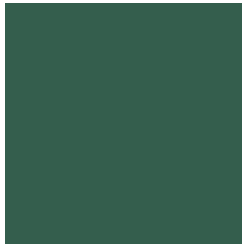
6E002C



ED0060

Previews

White Background



This preview shows how the Hex color 345E4D looks on a white background.

Color Contrast Check

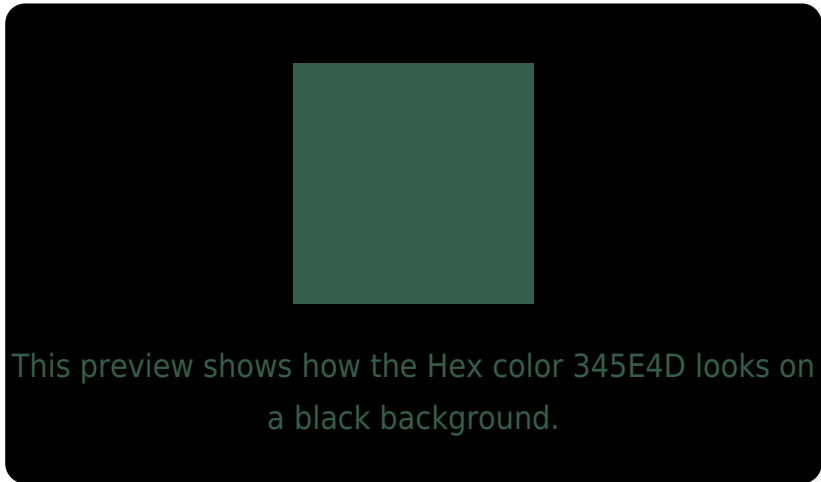
Large Text (above 18pt) WCAG AA ✓ Pass

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

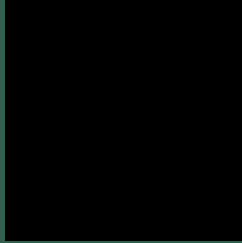
Any Text WCAG AA × Fail

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 345E4D Background



This preview shows how black text looks on a background with the Hex color 345E4D.

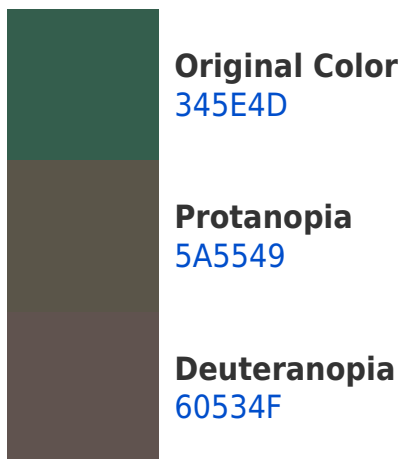



This preview shows how white text looks on a background with the Hex color 345E4D.

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](#).

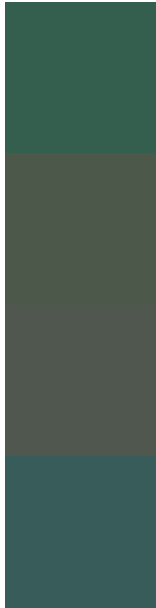
Dichromacy





Tritanopia
3A5B62

Trichromacy



Original Color
345E4D

Protanomaly
4C584A

Deuteranomaly
50574E

Tritanomaly
385C5A

Monochromacy



Original Color
345E4D

Achromatopsia
505050

Achromatomaly
46554F

CSS Examples

Text

The CSS property to change the color of the text to Hex 345E4D 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 #345E4D looks like.

```
.text, #text, p{  
    color:#345E4D  
}
```

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 #345E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345E4D
}
```

Border

The CSS property to change the border of an element to Hex 345E4D 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
#345E4D }
```

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

```
.border{ border-color:#345E4D }
```

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

Here you see how a box with a 4 pixel #345E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345E4D; -webkit-box-shadow:4px 4px  
4px 4px #345E4D; box-shadow:4px 4px 4px  
4px #345E4D }
```

Background

The CSS property to change the background color of an element to Hex 345E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345E4D }
```

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

```
.background{ background-color:#345E4D }
```

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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