

Converting Colors

Hex(345F44)

Have a look what the booklet for
Hex(345F44) contains.

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Color

Hex(345F44)

Conversions

Conversions Part 1

Format	Color
Hex	345F44
RGB	52, 95, 68
RGB Percent	20%, 37%, 27%
CMY	0.7961, 0.6275, 0.7333
CMYK	0.45, 0.00, 0.28, 0.63
HSL	142°, 29%, 29%
HSV	142°, 45%, 37%
XYZ	6.5518, 9.3318, 6.9248
YIQ	79.0650, -16.9610, -17.5130

Conversions

Conversions Part 2

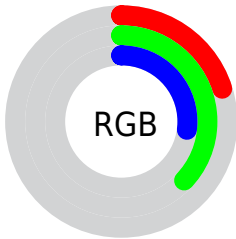
Format	Color
R_{YB}	52, 83, 95
Decimal	3432260
CIE _{Lab}	36.62, -21.78, 10.88
CIE _{LCh}	37, 24.348, 153.447
Yxy	9.3318, 0.2873, 0.4091
Android (android.graphics.Color)	4281622340 (0xFF345F44)
YUV	79.0650, -5.4550, -23.7360
Hunter-Lab	30.5481, -15.1754, 7.9436

Details

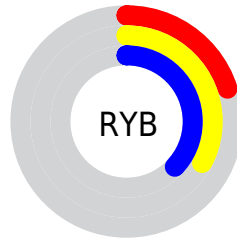
The Hex color **345F44** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F344F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **659274**, and **033019** is the 20% darker color. If you saturate the color by 10%, you get **2B5F3E**, and if you desaturate by 10%, it is **3E5F4A**.

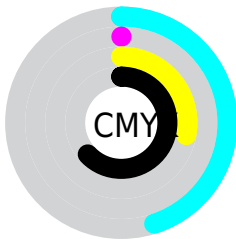
Distribution



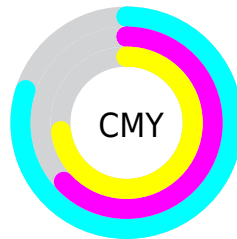
- Red (20%)
- Green (37%)
- Blue (27%)



- Red (20%)
- Yellow (33%)
- Blue (37%)



- Cyan (45%)
- Magenta (0%)
- Yellow (28%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345F44 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 345F44 by changing the saturation by 10% instead.



345F44



345F44

FFFFFF



1C472E



659274



033019



7FAC8E



001D00



99C8A8



000000



B4E4C3



D0FFDF



EDFFFC



345F44



345F44



2B5F3E



3E5F4A

■ 215F38

■ 475F50

■ 175F32

■ 515F56

■ 0E5F2C

■ 5A5F5C

■ 045F26

■ 645F62

■ 005F23

■ 6D5F68

■ 775F6E

■ 805F74

■ 8A5F7A

Harmonies

Analogous

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



4C5B35



345F44



166158

Triad

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



345F44



3D577D



7B4942

Complementary

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



345F44



5F344F

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.



7B4755



345F44



5B5077

Square

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



345F44



165D79



714A68



714F34

Rectangle

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



345F44



006065



714A68



7C4848

Sweetspot

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



345F44



697A70



4F5F34



333D37



BDBDBD



3D3D3D

Same Dimension

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



345F44



387A51



345F59



2C302D



00702A



00F059

Inverse Universe

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



5F344F



7A3862



5F343A



302C2F



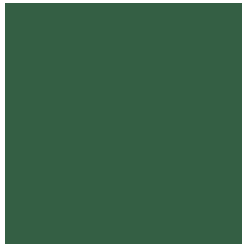
700046



F00097

Previews

White Background



This preview shows how the Hex color 345F44 looks on a white background.

Color Contrast Check

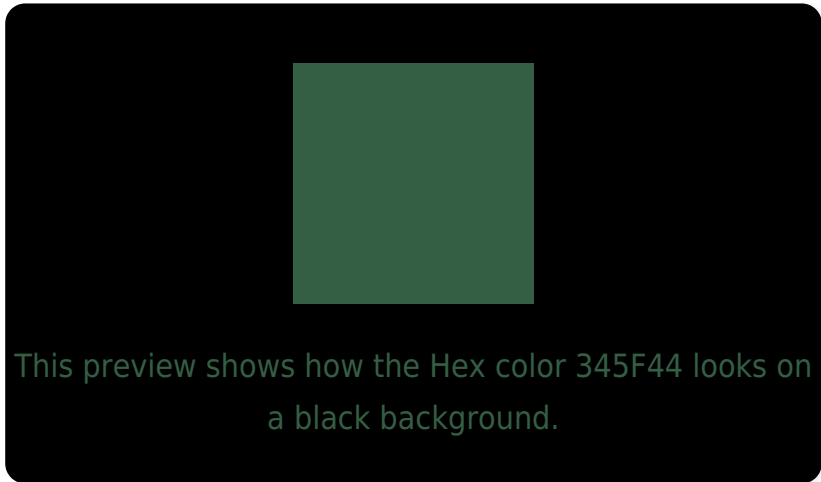
Large Text (above 18pt) WCAG AA ✓ Pass

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

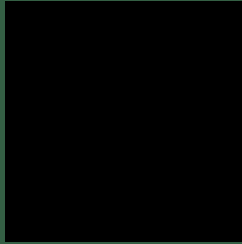
Any Text WCAG AA × Fail

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 345F44 Background



This preview shows how black text looks on a background with the Hex color 345F44.



This preview shows how white text looks on a background with the Hex color 345F44.

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
345F44

Protanopia
5C5640

Deuteranopia
635247



Tritanopia
3B5B62

Trichromacy



Original Color
345F44

Protanomaly
4D5941

Deuteranomaly
525746

Tritanomaly
385C57

Monochromacy



Original Color
345F44

Achromatopsia
4F4F4F

Achromatomaly
45554B

CSS Examples

Text

The CSS property to change the color of the text to Hex 345F44 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 #345F44 looks like.

```
.text, #text, p{  
    color:#345F44  
}
```

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 #345F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345F44
}
```

Border

The CSS property to change the border of an element to Hex 345F44 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".

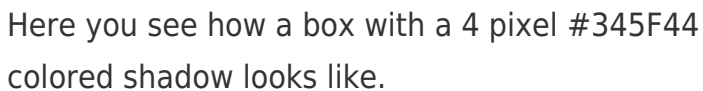
```
.border, #border, table{ border:4px solid
#345F44 }
```

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

```
.border{ border-color:#345F44 }
```

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

Here you see how a box with a 4 pixel #345F44 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345F44; -webkit-box-shadow:4px 4px  
4px 4px #345F44; box-shadow:4px 4px 4px  
4px #345F44 }
```

Background

The CSS property to change the background color of an element to Hex 345F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345F44 }
```

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

```
.background{ background-color:#345F44 }
```

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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