

# Converting Colors

Hex(345E26)

Have a look what the booklet for  
Hex(345E26) contains.

<b>Hex(345E26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(345E26)

# Conversions

## Conversions Part 1

Format	Color
Hex	345E26
RGB	52, 94, 38
RGB Percent	20%, 37%, 15%
CMY	0.7961, 0.6314, 0.8510
CMYK	0.45, 0.00, 0.60, 0.63
HSL	105°, 42%, 26%
HSV	105°, 60%, 37%
XYZ	5.7687, 8.8754, 3.2428
YIQ	75.0580, -7.0560, -26.3200

# Conversions

## Conversions Part 2

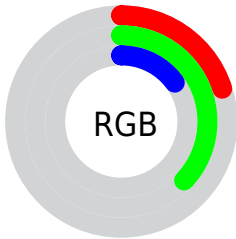
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 94, 80
Decimal	3431974
CIE <sub>Lab</sub>	35.74, -26.54, 27.22
CIE <sub>LCh</sub>	36, 38.014, 134.274
Yxy	8.8754, 0.3225, 0.4962
Android (android.graphics.Color)	4281622054 (0xFF345E26)
YUV	75.0580, -18.2696, -20.2219
Hunter-Lab	29.7916, -17.5713, 14.4005

# Details

The Hex color **345E26** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50265E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **669155**, and **052F00** is the 20% darker color. If you saturate the color by 10%, you get **2D5E1D**, and if you desaturate by 10%, it is **3B5E2F**.

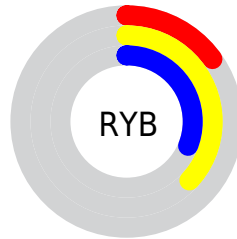
# Distribution



Red (20%)

Green (37%)

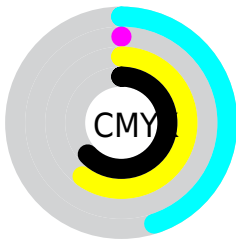
Blue (15%)



Red (15%)

Yellow (37%)

Blue (31%)

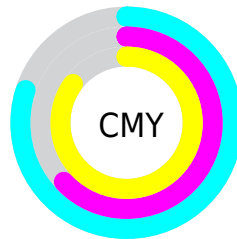


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 345E26 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 345E26 by changing the saturation by 10% instead.





345E26



345E26

FFFFFF



1B460F



669155



052F00



80AC6E



001C00



9AC787



000000



B6E3A2



D2FFBD



EEFFD9



FFFFFF6



345E26



345E26

■ 2D5E1D

■ 3B5E2F

■ 265E13

■ 425E39

■ 1F5E0A

■ 495E42

■ 185E00

■ 505E4C

■ 575E55

■ 5E5E5E

■ 655E68

■ 6C5E71

■ 735E7B

# Harmonies

## Analogous

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



565713



345E26



006243

# Triad

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



345E26



005C8E



8C3847

# Complementary

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



345E26



50265E

# 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.



833B65



345E26



36528F

# Square

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



345E26



00617E



684680



85412B

# Rectangle

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



345E26



006358



684680



8B3851



# Sweetspot

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



345E26



6A7A64



5E5026



333D30



BDBDBD



3D3D3D



# Same Dimension

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



345E26



397A23



265E34



2A2E29



1B6E00



3BED00



# Inverse Universe

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



50265E



65237A



5E2650



2D292E



52006E

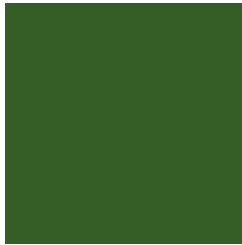


B200ED



# Previews

## White Background



This preview shows how the Hex color 345E26 looks on a white background.

## Color Contrast Check

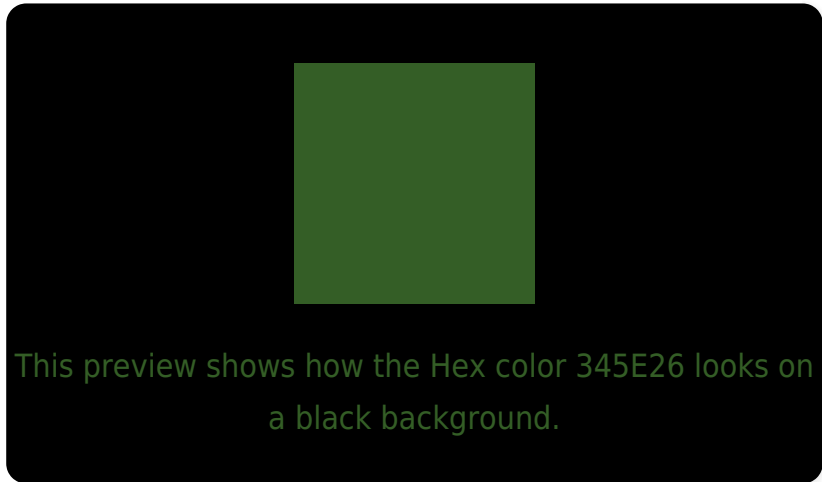
Large Text (above 18pt) WCAG AA ✓ Pass

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

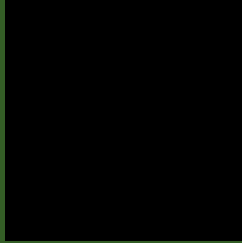
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 345E26 Background



This preview shows how black text looks on a background with the Hex color 345E26.



This preview shows how white text looks on a background with the Hex color 345E26.

# 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**  
345E26

**Protanopia**  
5D5423

**Deuteranopia**  
67502A



**Tritanopia**  
3E585F

# Trichromacy



**Original Color**  
345E26

**Protanomaly**  
4E5824

**Deuteranomaly**  
545529

**Tritanomaly**  
3A5A4A

# Monochromacy



**Original Color**  
345E26

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
43523E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 345E26 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 #345E26 looks like.

```
.text, #text, p{  
    color:#345E26  
}
```

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 #345E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345E26
}
```

## Border

The CSS property to change the border of an element to Hex 345E26 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".

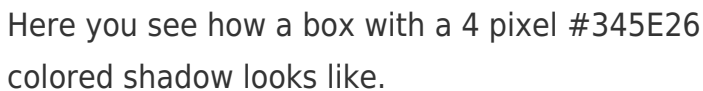
```
.border, #border, table{ border:4px solid
#345E26 }
```

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

```
.border{ border-color:#345E26 }
```

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

Here you see how a box with a 4 pixel #345E26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345E26; -webkit-box-shadow:4px 4px  
4px 4px #345E26; box-shadow:4px 4px 4px  
4px #345E26 }
```

# Background

The CSS property to change the background color of an element to Hex 345E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345E26 }
```

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

```
.background{ background-color:#345E26 }
```

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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