

Converting Colors

Hex(346E16)

Have a look what the booklet for
Hex(346E16) contains.

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Color

Hex(346E16)

Conversions

Conversions Part 1

Format	Color
Hex	346E16
RGB	52, 110, 22
RGB Percent	20%, 43%, 9%
CMY	0.7961, 0.5686, 0.9137
CMYK	0.53, 0.00, 0.80, 0.57
HSL	100°, 67%, 26%
HSV	100°, 80%, 43%
XYZ	7.1369, 11.9399, 2.6875
YIQ	82.6260, -6.3200, -39.6640

Conversions

Conversions Part 2

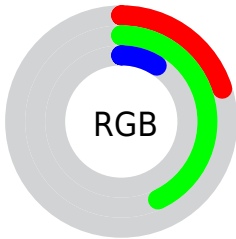
Format	Color
R_{YB}	22, 110, 80
Decimal	3436054
CIE _{Lab}	41.12, -35.27, 40.25
CIE _{LCh}	41, 53.516, 131.224
Yxy	11.9399, 0.3279, 0.5486
Android (android.graphics.Color)	4281626134 (0xFF346E16)
YUV	82.6260, -29.8886, -26.8590
Hunter-Lab	34.5541, -23.6016, 19.5764

Details

The Hex color **346E16** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **50166E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **69A249**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **2D6E0B**, and if you desaturate by 10%, it is **3B6E21**.

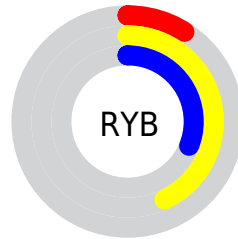
Distribution



Red (20%)

Green (43%)

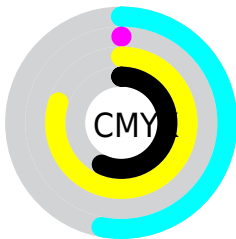
Blue (9%)



Red (9%)

Yellow (43%)

Blue (31%)

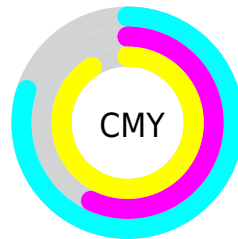


Cyan (53%)

Magenta (0%)

Yellow (80%)

Black (57%)



Cyan (80%)

Magenta (57%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346E16 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 346E16 by changing the saturation by 10% instead.

 346E16

 346E16

FFFFFF

 175500

 69A249

 003D00

 84BE62

 002800

 9FD97C

 000800

 BBF696

 000000

 D7FFB1

 F4FFCD

 FFFFEA

 346E16

 346E16

■ 2D6E0B

■ 3B6E21

■ 266E00

■ 436E2C

■ 4A6E37

■ 516E42

■ 586E4D

■ 606E58

■ 676E63

■ 6E6E6E

■ 756E79

Harmonies

Analogous

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



666400



346E16



007343

Triad

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



346E16



006DB4



AF3252

Complementary

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



346E16



50166E

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.



A1387E



346E16



0061B8

Square

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



346E16



00749A



774DA4



A54129

Rectangle

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



346E16



007562



774DA4



AD3161

Sweetspot

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



346E16



788F6D



6E4F16



3A4733



C7C7C7



474747

Same Dimension

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



346E16



348F06



166E23



343832



297800



54F700

Inverse Universe

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



50166E



60068F



6E1661



363238



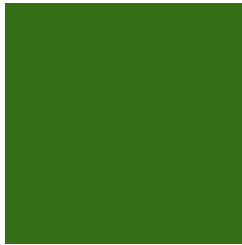
4F0078



A300F7

Previews

White Background



This preview shows how the Hex color 346E16 looks on a white background.

Color Contrast Check

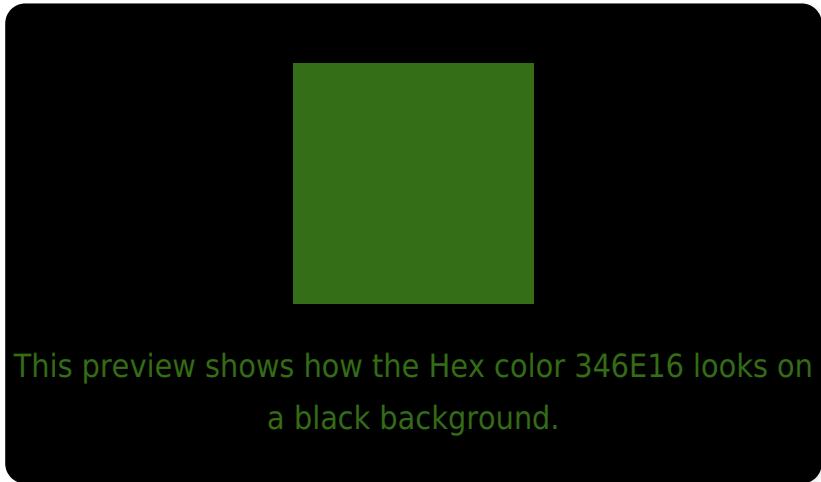
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

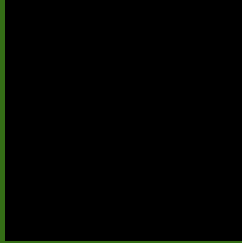
Any Text WCAG AA × Fail

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 346E16 Background



This preview shows how black text looks on a background with the Hex color 346E16.



This preview shows how white text looks on a background with the Hex color 346E16.

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
346E16

Protanopia
6D6113

Deuteranopia
795C1F



Tritanopia
43666F

Trichromacy



Original Color
346E16

Protanomaly
586614

Deuteranomaly
60631C

Tritanomaly
3E694F

Monochromacy



Original Color
346E16

Achromatopsia
535353

Achromatomaly
485D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 346E16 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 #346E16 looks like.

```
.text, #text, p{  
    color:#346E16  
}
```

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 #346E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346E16  
}
```

Border

The CSS property to change the border of an element to Hex 346E16 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".

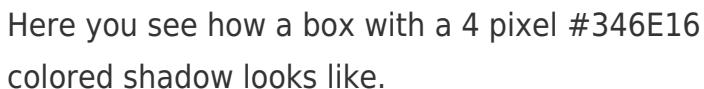
```
.border, #border, table{ border:4px solid  
#346E16 }
```

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

```
.border{ border-color:#346E16 }
```

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

Here you see how a box with a 4 pixel #346E16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346E16; -webkit-box-shadow:4px 4px  
4px 4px #346E16; box-shadow:4px 4px 4px  
4px #346E16 }
```

Background

The CSS property to change the background color of an element to Hex 346E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346E16 }
```

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

```
.background{ background-color:#346E16 }
```

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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