

Converting Colors

Hex(346D2D)

Have a look what the booklet for
Hex(346D2D) contains.

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Color

Hex(346D2D)

Conversions

Conversions Part 1

Format	Color
Hex	346D2D
RGB	52, 109, 45
RGB Percent	20%, 43%, 18%
CMY	0.7961, 0.5725, 0.8235
CMYK	0.52, 0.00, 0.59, 0.57
HSL	113°, 42%, 30%
HSV	113°, 59%, 43%
XYZ	7.3585, 11.8568, 4.3834
YIQ	84.6610, -13.4280, -31.9880

Conversions

Conversions Part 2

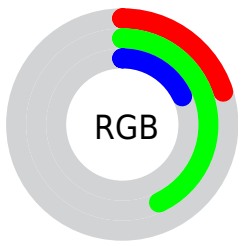
Format	Color
RYB	45, 109, 102
Decimal	3435821
CIELab	40.99, -32.53, 29.71
CIELCh	41, 44.058, 137.600
Yxy	11.8568, 0.3118, 0.5024
Android (android.graphics.Color)	4281625901 (0xFF346D2D)
YUV	84.6610, -19.5529, -28.6437
Hunter-Lab	34.4337, -22.1136, 16.5560

Details

The Hex color **346D2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662D6D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **68A15D**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **2A6D22**, and if you desaturate by 10%, it is **3E6D38**.

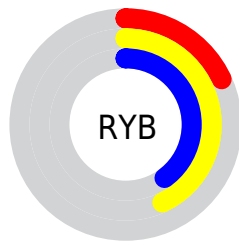
Distribution



Red (20%)

Green (43%)

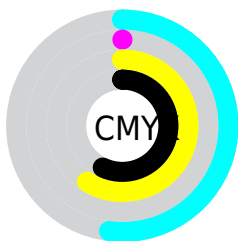
Blue (18%)



Red (18%)

Yellow (43%)

Blue (40%)

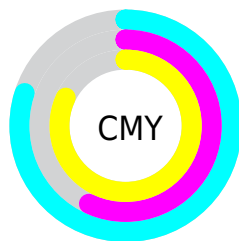


Cyan (52%)

Magenta (0%)

Yellow (59%)

Black (57%)



Cyan (80%)

Magenta (57%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346D2D 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 346D2D by changing the saturation by 10% instead.

 346D2D

 346D2D

FFFFFF

 195416

 68A15D

 003D00

 82BC76

 002700

 9DD890

 000700

 B9F5AB

 000000

 D5FFC6

 F2FFE3

 346D2D

 346D2D

 2A6D22

 3E6D38

■ 216D17

■ 476D43

■ 176D0C

■ 516D4E

■ 0D6D01

■ 5B6D59

■ 0C6D00

■ 656D63

■ 6E6D6E

■ 786D79

■ 826D84

■ 8B6D8F

Harmonies

Analogous

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



5F6513



346D2D



007150

Triad

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



346D2D



0069A7



A2404D

Complementary

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



346D2D



662D6D

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.



9B4171



346D2D



445DA6

Square

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



346D2D



007095



7D4E92



984B2C

Rectangle

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



346D2D



007269



7D4E92



A23E59

Sweetspot

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



346D2D



788F75



6D662D



394738



C7C7C7



474747

Same Dimension

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



346D2D



368F2B



2D6D46



313630



0D7500



1BF500

Inverse Universe

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



662D6D



842B8F



6D2D54



353036



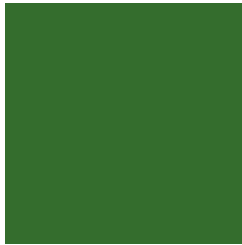
680075



DA00F5

Previews

White Background



This preview shows how the Hex color 346D2D looks on a white background.

Color Contrast Check

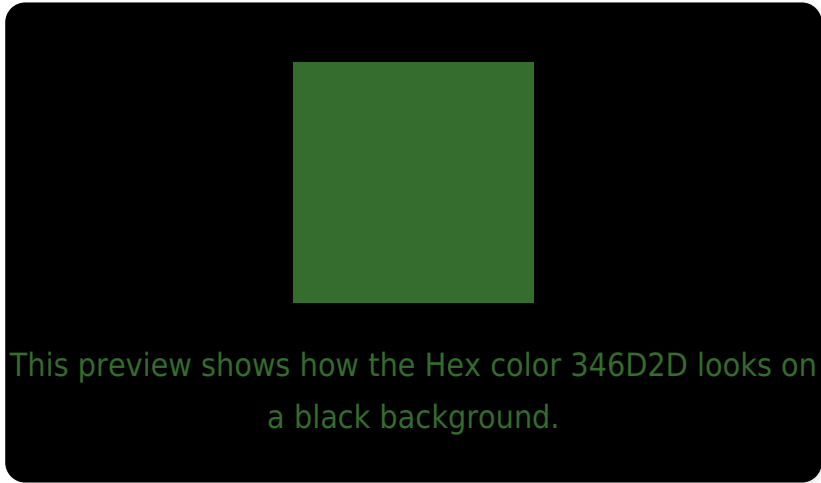
Large Text (above 18pt) WCAG AA ✓ Pass

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 346D2D Background



This preview shows how black text looks on a background with the Hex color 346D2D.



This preview shows how white text looks on a background with the Hex color 346D2D.

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
346D2D

Protanopia
6B6029

Deuteranopia
765C32



Tritanopia
42666F

Trichromacy



Original Color
346D2D

Protanomaly
57652A

Deuteranomaly
5E6230

Tritanomaly
3D6957

Monochromacy



Original Color
346D2D

Achromatopsia
555555

Achromatomaly
495E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 346D2D 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 #346D2D looks like.

```
.text, #text, p{  
    color:#346D2D  
}
```

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 #346D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346D2D
}
```

Border

The CSS property to change the border of an element to Hex 346D2D 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".

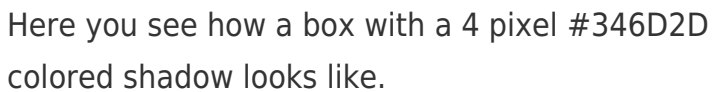
```
.border, #border, table{ border:4px solid
#346D2D }
```

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

```
.border{ border-color:#346D2D }
```

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

Here you see how a box with a 4 pixel #346D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346D2D; -webkit-box-shadow:4px 4px  
4px 4px #346D2D; box-shadow:4px 4px 4px  
4px #346D2D }
```

Background

The CSS property to change the background color of an element to Hex 346D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346D2D }
```

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

```
.background{ background-color:#346D2D }
```

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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