

# Converting Colors

Hex(346B2B)

Have a look what the booklet for  
Hex(346B2B) contains.

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**Color**

**Hex(346B2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	346B2B
RGB	52, 107, 43
RGB Percent	20%, 42%, 17%
CMY	0.7961, 0.5804, 0.8314
CMYK	0.51, 0.00, 0.60, 0.58
HSL	112°, 43%, 29%
HSV	112°, 60%, 42%
XYZ	7.1099, 11.4199, 4.1150
YIQ	83.2590, -12.2360, -31.5640

# Conversions

## Conversions Part 2

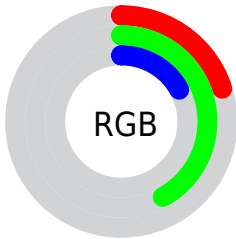
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 107, 98
Decimal	3435307
CIELab	40.28, -31.91, 29.92
CIElCh	40, 43.737, 136.845
Yxy	11.4199, 0.3140, 0.5043
Android (android.graphics.Color)	4281625387 (0xFF346B2B)
YUV	83.2590, -19.8477, -27.4141
Hunter-Lab	33.7933, -21.5829, 16.4355

# Details

The Hex color **346B2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **622B6B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **679F5B**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **2B6B20**, and if you desaturate by 10%, it is **3D6B36**.

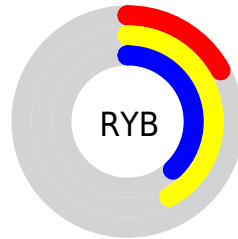
# Distribution



Red (20%)

Green (42%)

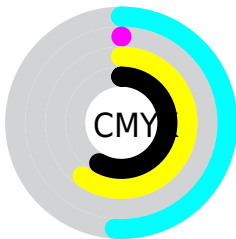
Blue (17%)



Red (17%)

Yellow (42%)

Blue (38%)

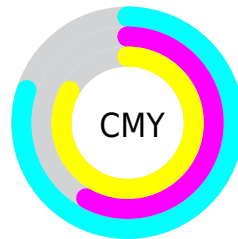


Cyan (51%)

Magenta (0%)

Yellow (60%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 346B2B 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 346B2B by changing the saturation by 10% instead.





346B2B



346B2B

FFFFFF



195214



679F5B



003B00



82BA74



002500



9DD68E



000200



B8F3A9



000000



D4FFC4



F1FFE0



FFFFFFD



346B2B



346B2B

■ 2B6B20

■ 3D6B36

■ 226B16

■ 466B40

■ 186B0B

■ 506B4B

■ 0F6B00

■ 596B56

■ 626B61

■ 6B6B6B

■ 746B76

■ 7E6B81

■ 876B8B

# Harmonies

## Analogous

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



5E6312



346B2B



006F4D

# Triad

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



346B2B



0067A4



A03E4C

# Complementary

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



346B2B



622B6B

# 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.



983F70



346B2B



415CA4

# Square

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



346B2B



006E92



7A4D90



96492C

# Rectangle

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



346B2B



007066



7A4D90



9F3D58



# Sweetspot

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



346B2B



778C73



6B612B



3A4738



C7C7C7



474747



# Same Dimension

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



346B2B



358C27



2B6B41



313630



107500



22F500



# Inverse Universe

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



622B6B



7E278C



6B2B55



353036



650075

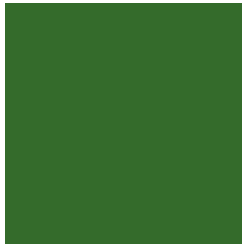


D200F5



# Previews

## White Background



This preview shows how the Hex color 346B2B looks on a white background.

## Color Contrast Check

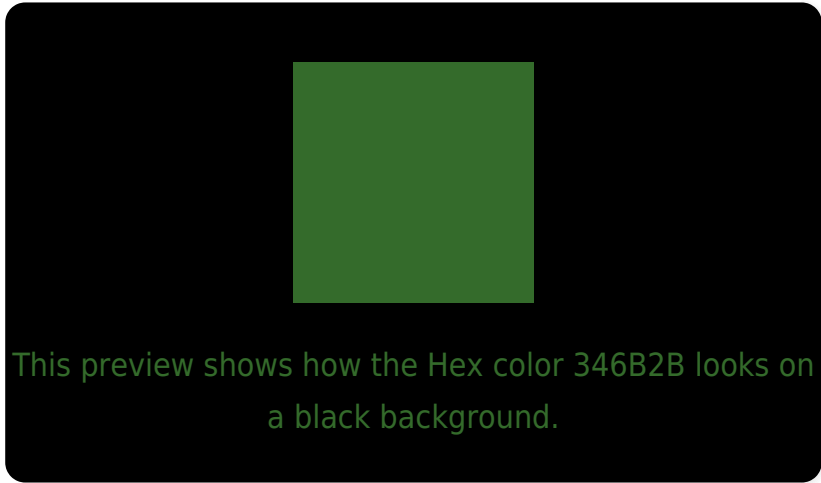
Large Text (above 18pt) WCAG AA ✓ Pass

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 346B2B Background



This preview shows how black text looks on a background with the Hex color 346B2B.



This preview shows how white text looks on a background with the Hex color 346B2B.

# 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**  
346B2B

**Protanopia**  
695F27

**Deuteranopia**  
745A30



**Tritanopia**  
41646C

# Trichromacy



**Original Color**  
346B2B

**Protanomaly**  
566328

**Deuteranomaly**  
5D602E

**Tritanomaly**  
3C6754

# Monochromacy



**Original Color**  
346B2B

**Achromatopsia**  
535353

**Achromatomaly**  
485C44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 346B2B 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 #346B2B looks like.

```
.text, #text, p{  
    color:#346B2B  
}
```

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 #346B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346B2B
}
```

## Border

The CSS property to change the border of an element to Hex 346B2B 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
#346B2B }
```

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

```
.border{ border-color:#346B2B }
```

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

Here you see how a box with a 4 pixel #346B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346B2B; -webkit-box-shadow:4px 4px  
4px 4px #346B2B; box-shadow:4px 4px 4px  
4px #346B2B }
```

# Background

The CSS property to change the background color of an element to Hex 346B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346B2B }
```

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

```
.background{ background-color:#346B2B }
```

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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