

Converting Colors

Hex(346249)

Have a look what the booklet for
Hex(346249) contains.

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Color

Hex(346249)

Conversions

Conversions Part 1

Format	Color
Hex	346249
RGB	52, 98, 73
RGB Percent	20%, 38%, 29%
CMY	0.7961, 0.6157, 0.7137
CMYK	0.47, 0.00, 0.26, 0.62
HSL	147°, 31%, 29%
HSV	147°, 47%, 38%
XYZ	6.9865, 9.9465, 7.8550
YIQ	81.3960, -19.3910, -17.5270

Conversions

Conversions Part 2

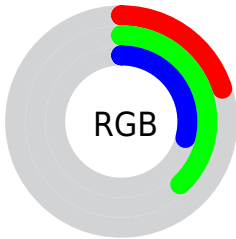
Format	Color
R_{YB}	52, 84, 98
Decimal	3433033
CIE _{Lab}	37.75, -22.22, 9.41
CIE _{LCh}	38, 24.127, 157.049
Yxy	9.9465, 0.2818, 0.4013
Android (android.graphics.Color)	4281623113 (0xFF346249)
YUV	81.3960, -4.1392, -25.7803
Hunter-Lab	31.5380, -15.6494, 7.3096

Details

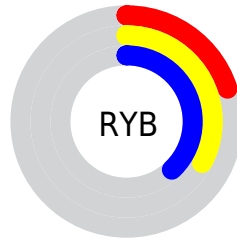
The Hex color **346249** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62344D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **65957A**, and **01331D** is the 20% darker color. If you saturate the color by 10%, you get **2A6244**, and if you desaturate by 10%, it is **3E624E**.

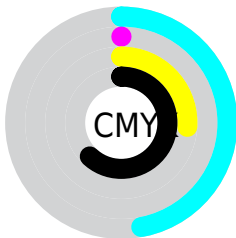
Distribution



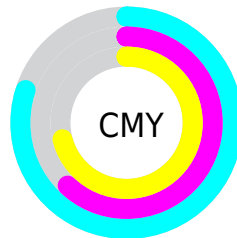
- Red (20%)
- Green (38%)
- Blue (29%)



- Red (20%)
- Yellow (33%)
- Blue (38%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346249 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 346249 by changing the saturation by 10% instead.



346249



346249

FFFFFF



1C4A32



65957A



01331D



7FB093



001F04



9ACBAE



000000



B5E8C9



D1FFE5



EDFFFF



346249



346249



2A6244



3E624E

■ 20623E

■ 486254

■ 176239

■ 516259

■ 0D6234

■ 5B625E

■ 03622E

■ 656264

■ 00622D

■ 6F6269

■ 79626E

■ 826274

■ 8C6279

Harmonies

Analogous

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



4C5F39



346249



17635D

Triad

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



346249



44597F



7D4C42

Complementary

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



346249



62344D

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.



7E4A55



346249



615278

Square

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



346249



205F7C



754C68



725235

Rectangle

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



346249



01636A



754C68



7E4B48

Sweetspot

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



346249



6E8076



4D6234



35403A



BFBFBF



404040

Same Dimension

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



346249



388059



346260



2C302E



007033



00F06D

Inverse Universe

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



62344D



80385F



623436



302C2E



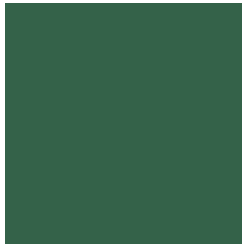
70003D



F00082

Previews

White Background



This preview shows how the Hex color 346249 looks on a white background.

Color Contrast Check

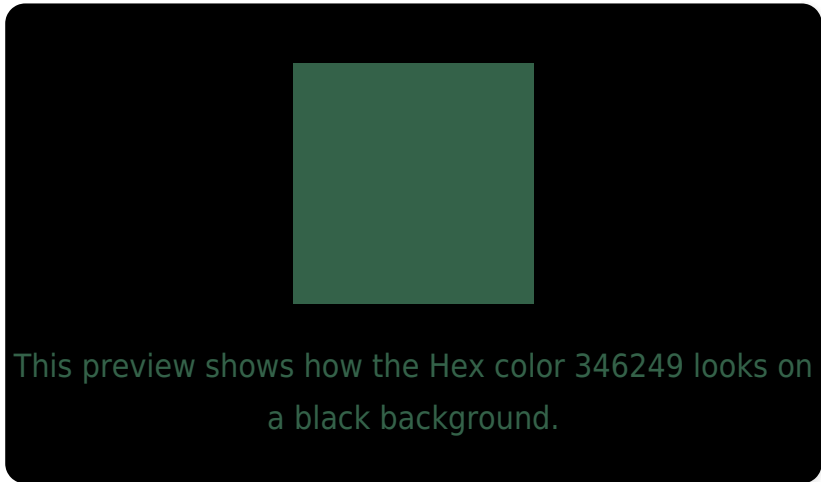
Large Text (above 18pt) WCAG AA ✓ Pass

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

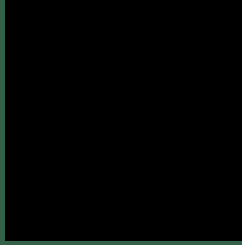
Any Text WCAG AA × Fail

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 346249 Background



This preview shows how black text looks on a background with the Hex color 346249.



This preview shows how white text looks on a background with the Hex color 346249.

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
346249

Protanopia
5E5844

Deuteranopia
66554C



Tritanopia
3B5E66

Trichromacy



Original Color
346249

Protanomaly
4F5C46

Deuteranomaly
545A4B

Tritanomaly
385F5B

Monochromacy



Original Color
346249

Achromatopsia
515151

Achromatomaly
46574E

CSS Examples

Text

The CSS property to change the color of the text to Hex 346249 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 #346249 looks like.

```
.text, #text, p{  
    color:#346249  
}
```

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 #346249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346249
}
```

Border

The CSS property to change the border of an element to Hex 346249 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
#346249 }
```

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

```
.border{ border-color:#346249 }
```

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

Here you see how a box with a 4 pixel #346249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346249; -webkit-box-shadow:4px 4px  
4px 4px #346249; box-shadow:4px 4px 4px  
4px #346249 }
```

Background

The CSS property to change the background color of an element to Hex 346249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346249 }
```

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

```
.background{ background-color:#346249 }
```

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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