

Converting Colors

Hex(346C50)

Have a look what the booklet for
Hex(346C50) contains.

Hex(346C50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(346C50)

Conversions

Conversions Part 1

Format	Color
Hex	346C50
RGB	52, 108, 80
RGB Percent	20%, 42%, 31%
CMY	0.7961, 0.5765, 0.6863
CMYK	0.52, 0.00, 0.26, 0.58
HSL	150°, 35%, 31%
HSV	150°, 52%, 42%
XYZ	8.2267, 12.0344, 9.4787
YIQ	88.0640, -24.3880, -20.5800

Conversions

Conversions Part 2

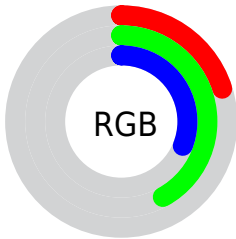
Format	Color
RYB	52, 89, 108
Decimal	3435600
CIELab	41.27, -25.68, 10.10
CIELCh	41, 27.599, 158.526
Yxy	12.0344, 0.2766, 0.4047
Android (android.graphics.Color)	4281625680 (0xFF346C50)
YUV	88.0640, -3.9756, -31.6281
Hunter-Lab	34.6906, -18.3782, 8.0833




Details

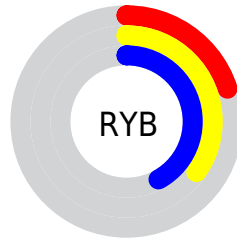
The Hex color **346C50** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3450**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **67A081**, and **003C23** is the 20% darker color. If you saturate the color by 10%, you get **296C4B**, and if you desaturate by 10%, it is **3F6C55**.

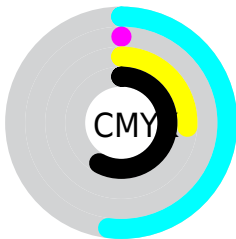
Distribution







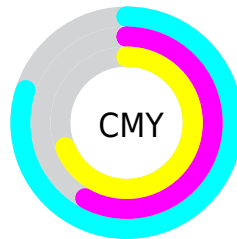
-  Red (20%)
-  Green (42%)
-  Blue (31%)






-  Red (20%)
-  Yellow (35%)
-  Blue (42%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (58%)



-  Cyan (80%)
-  Magenta (58%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346C50 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 346C50 by changing the saturation by 10% instead.

 346C50

 346C50

FFFFFF

 1A5339

 67A081

 003C23

 81BB9B

 00260E

 9CD7B6

 000900

 B7F3D2

 000000

 D3FFEE

 F0FFFF

 346C50

 346C50

 296C4B

 3F6C55

■ 1E6C45

■ 4A6C5B

■ 146C40

■ 546C60

■ 096C3A

■ 5F6C66

■ 006C36

■ 6A6C6B

■ 756C70

■ 806C76

■ 8A6C7B

■ 956C81

Harmonies

Analogous

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



51683D



346C50



076D67

Triad

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



346C50



4A618E



8A5346

Complementary

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



346C50



6C3450

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.



8D4F5C



346C50



6C5985

Square

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



346C50



1B688B



835272



7D5A37

Rectangle

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



346C50



006D76



835272



8C514D

Sweetspot

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



346C50



768C81



506C34



3A4741



C7C7C7



474747

Same Dimension

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



346C50



358C61



346C6C



303633



00753B



00F57A

Inverse Universe

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



6C3450



8C3561



6C3434



363033



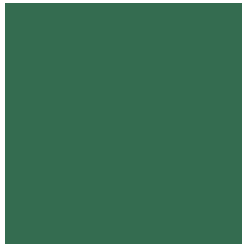
75003B



F5007A

Previews

White Background



This preview shows how the Hex color 346C50 looks on a white background.

Color Contrast Check

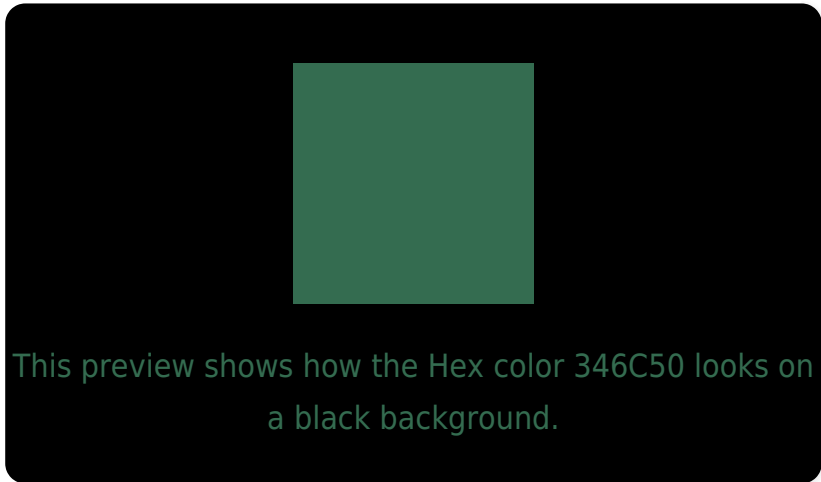
Large Text (above 18pt) WCAG AA ✓ Pass

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

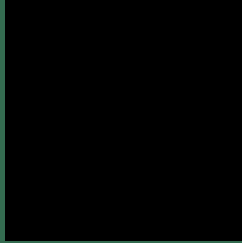
Any Text WCAG AA × Fail

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 346C50 Background



This preview shows how black text looks on a background with the Hex color 346C50.



This preview shows how white text looks on a background with the Hex color 346C50.

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
346C50

Protanopia
67614B

Deuteranopia
6F5D53



Tritanopia
3D6870

Trichromacy



Original Color
346C50

Protanomaly
54654D

Deuteranomaly
5A6252

Tritanomaly
3A6964

Monochromacy



Original Color
346C50

Achromatopsia
585858

Achromatomaly
4B5F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 346C50 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 #346C50 looks like.

```
.text, #text, p{  
    color:#346C50  
}
```

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 #346C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346C50
}
```

Border

The CSS property to change the border of an element to Hex 346C50 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
#346C50 }
```

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

```
.border{ border-color:#346C50 }
```

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

Here you see how a box with a 4 pixel #346C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346C50; -webkit-box-shadow:4px 4px  
4px 4px #346C50; box-shadow:4px 4px 4px  
4px #346C50 }
```

Background

The CSS property to change the background color of an element to Hex 346C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346C50 }
```

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

```
.background{ background-color:#346C50 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor