

# Converting Colors

Hex(346D5F)

Have a look what the booklet for  
Hex(346D5F) contains.

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# Color

**Hex(346D5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	346D5F
RGB	52, 109, 95
RGB Percent	20%, 43%, 37%
CMY	0.7961, 0.5725, 0.6275
CMYK	0.52, 0.00, 0.13, 0.57
HSL	165°, 35%, 32%
HSV	165°, 52%, 43%
XYZ	8.9504, 12.4936, 12.7662
YIQ	90.3610, -29.4780, -16.4380

# Conversions

## Conversions Part 2

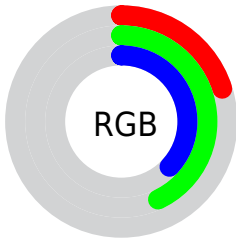
Format	Color
<b>RYB</b>	52, 84, 109
Decimal	3435871
CIELab	41.99, -22.48, 2.09
CIELCh	42, 22.577, 174.677
Yxy	12.4936, 0.2616, 0.3652
Android (android.graphics.Color)	4281625951 (0xFF346D5F)
YUV	90.3610, 2.2870, -33.6426
Hunter-Lab	35.3462, -16.6562, 3.3282

# Details

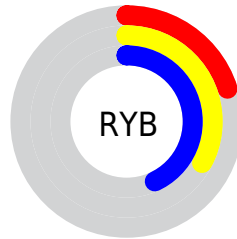
The Hex color **346D5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3442**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **67A191**, and **003D31** is the 20% darker color. If you saturate the color by 10%, you get **296D5C**, and if you desaturate by 10%, it is **3F6D62**.

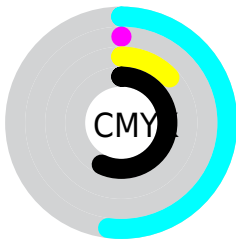
# Distribution



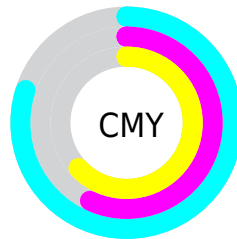
- Red (20%)
- Green (43%)
- Blue (37%)



- Red (20%)
- Yellow (33%)
- Blue (43%)



- Cyan (52%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)



- Cyan (80%)
- Magenta (57%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 346D5F 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 346D5F by changing the saturation by 10% instead.



■ 346D5F

■ 346D5F

FFFFFF

■ 195447

■ 67A191

■ 003D31

■ 81BCAC

■ 00271C

■ 9CD8C7

■ 000D02

■ B8F4E3

■ 000000

■ D4FFFF

■ F1FFFF

■ 346D5F

■ 346D5F

■ 296D5C

■ 3F6D62

 1E6D5A

 4A6D64

 136D57

 556D67

 086D54

 606D6A

 006D52

 6B6D6C

 756D6F

 806D72

 8B6D74

 966D77

# Harmonies

## Analogous

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



4A6B4D



346D5F



236D72

# Triad

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



346D5F



615F85



815A45

# Complementary

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



346D5F



6D3442

# 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.



885654



346D5F



785979

# Square

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



346D5F



446688



855567



73613E

# Rectangle

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



346D5F



246C7D



855567



84594A



# Sweetspot

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



346D5F



788F89



426D34



3A4744



C7C7C7



474747



# Same Dimension

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



346D5F



358F79



345F6D



303634



007558



00F5B9



# Inverse Universe

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



6D3442



8F354B



6D4234



363032



75001D



F5003C



# Previews

## White Background



This preview shows how the Hex color 346D5F looks on a white background.

## Color Contrast Check

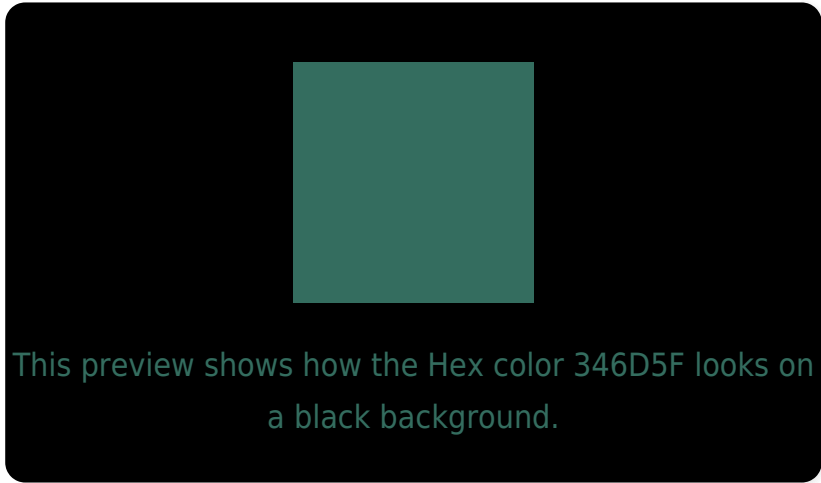
Large Text (above 18pt) WCAG AA ✓ Pass

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

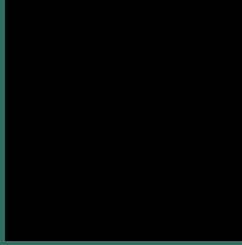
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 346D5F Background



This preview shows how black text looks on a background with the Hex color 346D5F.



This preview shows how white text looks on a background with the Hex color 346D5F.

# 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**  
346D5F

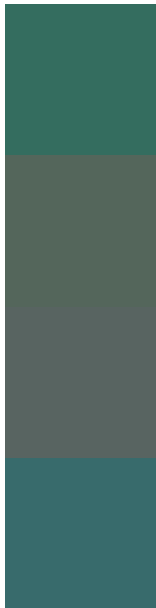
**Protanopia**  
676259

**Deuteranopia**  
6C5F62



**Tritanopia**  
3A6A73

# Trichromacy



**Original Color**  
346D5F

**Protanomaly**  
54665B

**Deuteranomaly**  
586461

**Tritanomaly**  
386B6C

# Monochromacy



**Original Color**  
346D5F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4C615C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 346D5F 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 #346D5F looks like.

```
.text, #text, p{  
    color:#346D5F  
}
```

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 #346D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346D5F
}
```

## Border

The CSS property to change the border of an element to Hex 346D5F 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
#346D5F }
```

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

```
.border{ border-color:#346D5F }
```

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

Here you see how a box with a 4 pixel #346D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346D5F; -webkit-box-shadow:4px 4px  
4px 4px #346D5F; box-shadow:4px 4px 4px  
4px #346D5F }
```

# Background

The CSS property to change the background color of an element to Hex 346D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346D5F }
```

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

```
.background{ background-color:#346D5F }
```

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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