

# Converting Colors

Hex(347663)

Have a look what the booklet for  
Hex(347663) contains.

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# Color

Hex(347663)

# Conversions

## Conversions Part 1

Format	Color
Hex	347663
RGB	52, 118, 99
RGB Percent	20%, 46%, 39%
CMY	0.7961, 0.5373, 0.6118
CMYK	0.56, 0.00, 0.16, 0.54
HSL	163°, 39%, 33%
HSV	163°, 56%, 46%
XYZ	10.1467, 14.5878, 14.0853
YIQ	96.1000, -33.2370, -19.9010

# Conversions

## Conversions Part 2

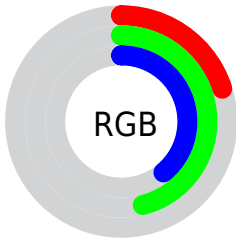
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 91, 118
Decimal	3438179
CIELab	45.06, -26.02, 4.13
CIELCh	45, 26.343, 170.972
Yxy	14.5878, 0.2614, 0.3758
Android (android.graphics.Color)	4281628259 (0xFF347663)
YUV	96.1000, 1.4297, -38.6757
Hunter-Lab	38.1940, -19.4185, 4.8706




# Details

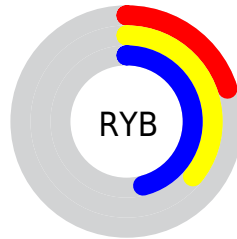
The Hex color **347663** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **763447**, and the grayscale version is **606060**.




A 20% lighter version of the original color is **68AB96**, and **004535** is the 20% darker color. If you saturate the color by 10%, you get **287660**, and if you desaturate by 10%, it is **407666**.

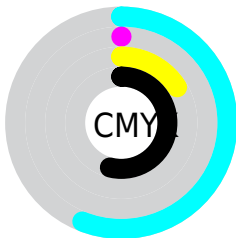
# Distribution







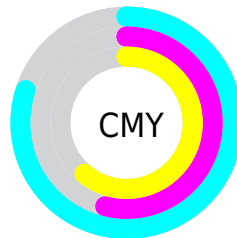
-  Red (20%)
-  Green (46%)
-  Blue (39%)






-  Red (20%)
-  Yellow (36%)
-  Blue (46%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (54%)



-  Cyan (80%)
-  Magenta (54%)
-  Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347663 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 347663 by changing the saturation by 10% instead.



 347663

 347663


FFFFFF

 185D4B

 68AB96

 004535

 83C6B0

 002E1F

 9EE2CC

 001B07

 BAFFE8

 000000

 D6FFF

 F3FFF

 347663

 347663

 287660

 407666

■ 1C765C

■ 4C766A

■ 117659

■ 57766D

■ 057655

■ 637671

■ 007654

■ 6F7674

■ 7B7677

■ 87767B

■ 92767E

■ 9E7682

# Harmonies

## Analogous

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



50734E



347663



16767A

# Triad

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



347663



646794



8F6049

# Complementary

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



347663



763447

# 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.



965A5C



347663



805F86

# Square

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



347663



406F96



915A72



7F673F

# Rectangle

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



347663



117587



915A72



925D4F



# Sweetspot

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



347663



7F9992



487634



3D4D48



CCCCCC



4D4D4D



# Same Dimension

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



347663



32997B



346976



353B39



007A57



00FAB2



# Inverse Universe

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



763447



993250



764134



3B3536



7A0023



FA0048



# Previews

## White Background



This preview shows how the Hex color 347663 looks on a white background.

## Color Contrast Check

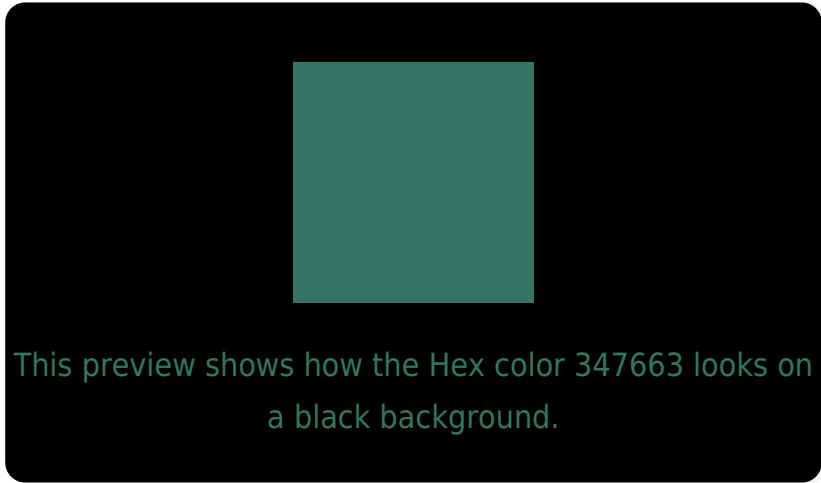
Large Text (above 18pt) WCAG AA ✓ Pass

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

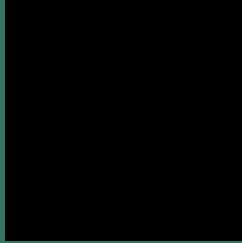
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 347663 Background



This preview shows how black text looks on a background with the Hex color 347663.

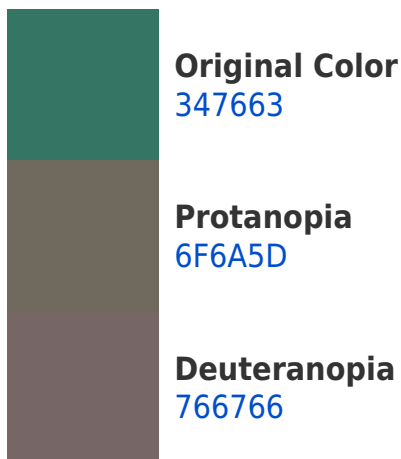


This preview shows how white text looks on a background with the Hex color 347663.

# 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





**Tritanopia**  
3C737C

# Trichromacy



**Original Color**  
347663

**Protanomaly**  
5A6E5F

**Deuteranomaly**  
5E6C65

**Tritanomaly**  
397473

# Monochromacy



**Original Color**  
347663

**Achromatopsia**  
606060

**Achromatomaly**  
506861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347663 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 #347663 looks like.

```
.text, #text, p{  
    color:#347663  
}
```

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 #347663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347663
}
```

## Border

The CSS property to change the border of an element to Hex 347663 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".

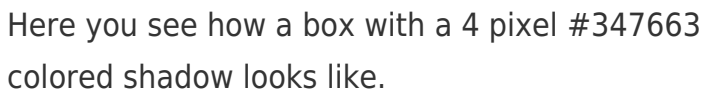
```
.border, #border, table{ border:4px solid
#347663 }
```

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

```
.border{ border-color:#347663 }
```

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

Here you see how a box with a 4 pixel #347663 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347663; -webkit-box-shadow:4px 4px  
4px 4px #347663; box-shadow:4px 4px 4px  
4px #347663 }
```

# Background

The CSS property to change the background color of an element to Hex 347663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347663 }
```

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

```
.background{ background-color:#347663 }
```

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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