

# Converting Colors

Hex(336F67)

Have a look what the booklet for  
Hex(336F67) contains.

<b>Hex(336F67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(336F67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	336F67
RGB	51, 111, 103
RGB Percent	20%, 44%, 40%
CMY	0.8000, 0.5647, 0.5961
CMYK	0.54, 0.00, 0.07, 0.56
HSL	172°, 37%, 32%
HSV	172°, 54%, 44%
XYZ	9.4979, 13.0520, 14.8507
YIQ	92.1480, -33.1920, -15.2080

# Conversions

## Conversions Part 2

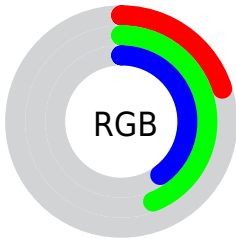
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 83, 111
Decimal	3370855
CIE Lab	42.84, -21.60, -1.50
CIE LCh	43, 21.655, 183.969
Yxy	13.0520, 0.2540, 0.3490
Android (android.graphics.Color)	4281560935 (0xFF336F67)
YUV	92.1480, 5.3500, -36.0868
Hunter-Lab	36.1275, -16.2957, 0.9174

# Details

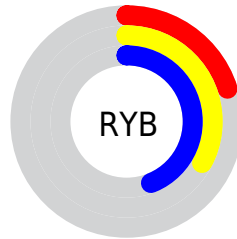
The Hex color **336F67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F333B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **67A39A**, and **003F38** is the 20% darker color. If you saturate the color by 10%, you get **286F66**, and if you desaturate by 10%, it is **3E6F68**.

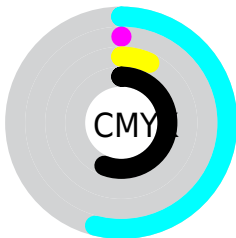
# Distribution



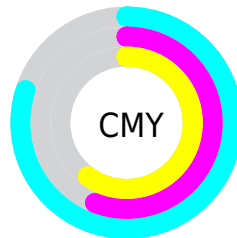
- Red (20%)
- Green (44%)
- Blue (40%)



- Red (20%)
- Yellow (33%)
- Blue (44%)



- Cyan (54%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (80%)
- Magenta (56%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 336F67 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 336F67 by changing the saturation by 10% instead.





336F67



336F67

FFFFFF



17564F



67A39A



003F38



81BEB5



002823



9CDAD0



00120D



B8F7ED



000000



D4FFFF



F1FFFF



336F67



336F67



286F66



3E6F68

■ 1D6F64

■ 496F6A

■ 126F63

■ 546F6B

■ 076F61

■ 5F6F6D

■ 006F60

■ 6B6F6E

■ 766F70

■ 816F71

■ 8C6F73

■ 976F74

# Harmonies

## Analogous

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



476E55



336F67



296E79

# Triad

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



336F67



6B6083



7F5F46

# Complementary

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



336F67



6F333B

# 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.



885A52



336F67



7E5A75

# Square

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



336F67



516689



885863



6F6541

# Rectangle

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



336F67



306C82



885863



825D49



# Sweetspot

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



336F67



7A918E



3B6F33



3C4A48



C9C9C9



4A4A4A



# Same Dimension

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



336F67



339185



33596F



323837



007868



00F7D6



# Inverse Universe

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



6F333B



91333F



6F4933



383233



780010



F70021



# Previews

## White Background



This preview shows how the Hex color 336F67 looks on a white background.

## Color Contrast Check

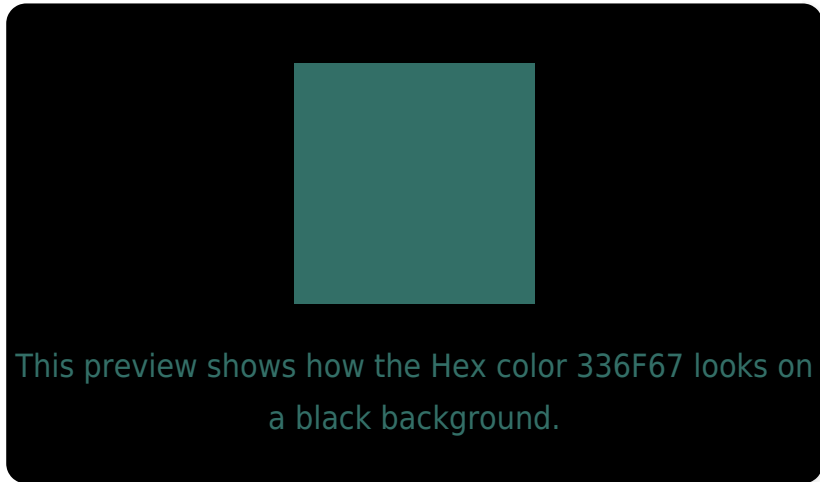
Large Text (above 18pt) WCAG AA ✓ Pass

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

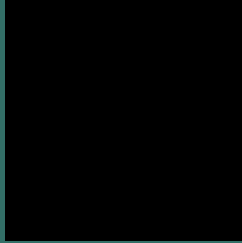
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 336F67 Background



This preview shows how black text looks on a background with the Hex color 336F67.



This preview shows how white text looks on a background with the Hex color 336F67.

# 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**  
336F67

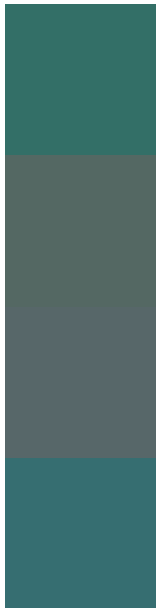
**Protanopia**  
676461

**Deuteranopia**  
6C626A



**Tritanopia**  
386D76

# Trichromacy



**Original Color**  
336F67

**Protanomaly**  
546863

**Deuteranomaly**  
576769

**Tritanomaly**  
366E71

# Monochromacy



**Original Color**  
336F67

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
4D6360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 336F67 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 #336F67 looks like.

```
.text, #text, p{  
    color:#336F67  
}
```

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 #336F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336F67  
}
```

## Border

The CSS property to change the border of an element to Hex 336F67 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  
#336F67 }
```

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

```
.border{ border-color:#336F67 }
```

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

Here you see how a box with a 4 pixel #336F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336F67; -webkit-box-shadow:4px 4px  
4px 4px #336F67; box-shadow:4px 4px 4px  
4px #336F67 }
```

# Background

The CSS property to change the background color of an element to Hex 336F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336F67 }
```

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

```
.background{ background-color:#336F67 }
```

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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