

# Converting Colors

Hex(345F6C)

Have a look what the booklet for  
Hex(345F6C) contains.

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# Color

Hex(345F6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	345F6C
RGB	52, 95, 108
RGB Percent	20%, 37%, 42%
CMY	0.7961, 0.6275, 0.5765
CMYK	0.52, 0.12, 0.00, 0.58
HSL	194°, 35%, 31%
HSV	194°, 52%, 42%
XYZ	8.2152, 9.9972, 15.6840
YIQ	83.6250, -29.8010, -5.0730

# Conversions

## Conversions Part 2

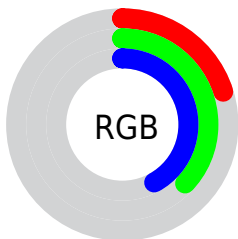
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 76, 108
Decimal	3432300
CIELab	37.84, -10.99, -12.02
CIELCh	38, 16.284, 227.562
Yxy	9.9972, 0.2424, 0.2949
Android (android.graphics.Color)	4281622380 (0xFF345F6C)
YUV	83.6250, 12.0169, -27.7351
Hunter-Lab	31.6183, -8.9538, -7.2775

# Details

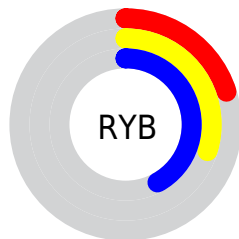
The Hex color **345F6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4134**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **67929F**, and **00313D** is the 20% darker color. If you saturate the color by 10%, you get **295C6C**, and if you desaturate by 10%, it is **3F626C**.

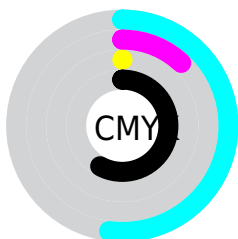
# Distribution



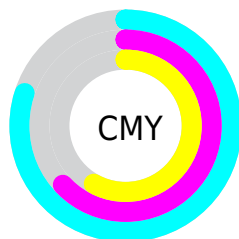
- Red (20%)
- Green (37%)
- Blue (42%)



- Red (20%)
- Yellow (30%)
- Blue (42%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (63%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 345F6C 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 345F6C by changing the saturation by 10% instead.





345F6C



345F6C

FFFFFF



1A4754



67929F



00313D



81ACBA



001C27



9CC7D6



000112



B7E3F2



000000



D3FFFF



F0FFFF



345F6C



345F6C



295C6C



3F626C

■ 1E5A6C

■ 4A646C

■ 14576C

■ 54676C

■ 09556C

■ 5F696C

■ 00536C

■ 6A6C6C

■ 756E6C

■ 80716C

■ 8A736C

■ 95766C

# Harmonies

## Analogous

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



336060



345F6C



415C72

# Triad

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



345F6C



70505F



5B5B40

# Complementary

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



345F6C



6C4134

# 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.



685640



345F6C



745052

# Square

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



345F6C



64536B



715246



4C5E47

# Rectangle

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



345F6C



4D5973



715246



5F593F



# Sweetspot

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



345F6C



76878C



346C40



3A4447



C7C7C7



474747



# Same Dimension

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



345F6C



35788C



34446C



303436



005A75



00BCF5



# Inverse Universe

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



6C345F



8C3578



6C5C34



363034



75005A



F500BC



# Previews

## White Background



This preview shows how the Hex color 345F6C looks on a white background.

## Color Contrast Check

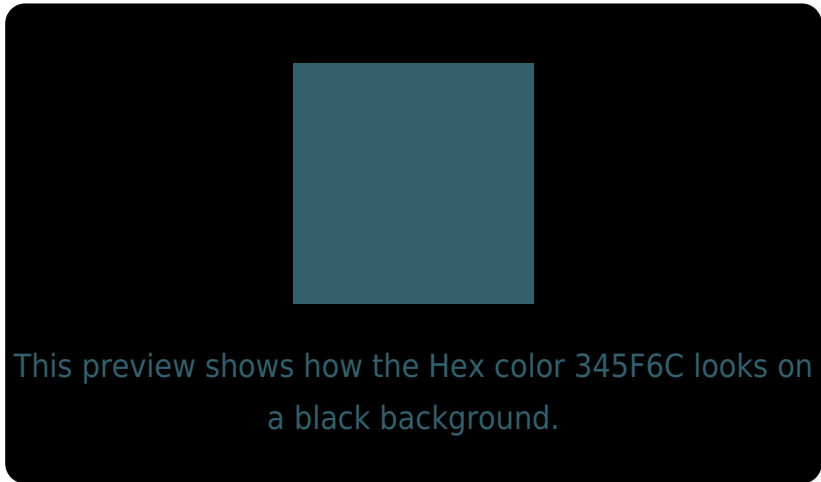
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

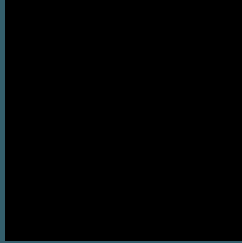
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 345F6C Background



This preview shows how black text looks on a background with the Hex color 345F6C.

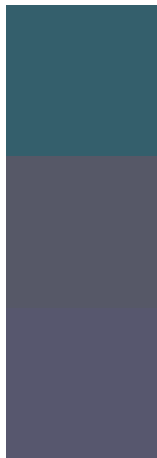


This preview shows how white text looks on a background with the Hex color 345F6C.

# 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**  
345F6C

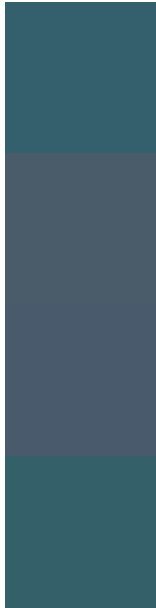
**Protanopia**  
565867

**Deuteranopia**  
57576E



**Tritanopia**  
326067

# Trichromacy



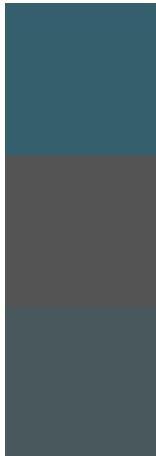
**Original Color**  
345F6C

**Protanomaly**  
4A5B69

**Deuteranomaly**  
4A5A6D

**Tritanomaly**  
336069

# Monochromacy



**Original Color**  
345F6C

**Achromatopsia**  
545454

**Achromatomaly**  
48585D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 345F6C 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 #345F6C looks like.

```
.text, #text, p{  
    color:#345F6C  
}
```

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 #345F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345F6C
}
```

## Border

The CSS property to change the border of an element to Hex 345F6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

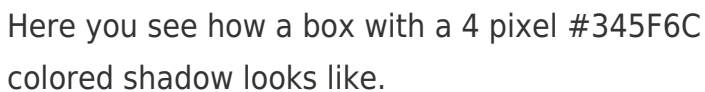
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#345F6C }
```

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

```
.border{ border-color:#345F6C }
```

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



Here you see how a box with a 4 pixel #345F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345F6C; -webkit-box-shadow:4px 4px  
4px 4px #345F6C; box-shadow:4px 4px 4px  
4px #345F6C }
```

# Background

The CSS property to change the background color of an element to Hex 345F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345F6C }
```

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

```
.background{ background-color:#345F6C }
```

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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