

# Converting Colors

Hex(345E64)

Have a look what the booklet for  
Hex(345E64) contains.

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# Color

**Hex(345E64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	345E64
RGB	52, 94, 100
RGB Percent	20%, 37%, 39%
CMY	0.7961, 0.6314, 0.6078
CMYK	0.48, 0.06, 0.00, 0.61
HSL	188°, 32%, 30%
HSV	188°, 48%, 39%
XYZ	7.7191, 9.6556, 13.5135
YIQ	82.1260, -26.9580, -7.0380

# Conversions

## Conversions Part 2

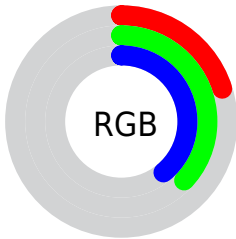
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 74, 100
Decimal	3432036
CIELab	37.22, -12.86, -8.01
CIElCh	37, 15.147, 211.920
Yxy	9.6556, 0.2499, 0.3126
Android (android.graphics.Color)	4281622116 (0xFF345E64)
YUV	82.1260, 8.8119, -26.4205
Hunter-Lab	31.0734, -10.0363, -4.0331

# Details

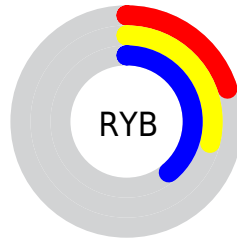
The Hex color **345E64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643A34**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **669097**, and **003035** is the 20% darker color. If you saturate the color by 10%, you get **2A5D64**, and if you desaturate by 10%, it is **3E5F64**.

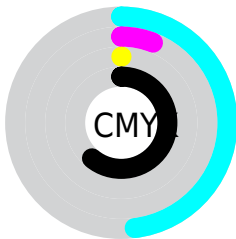
# Distribution



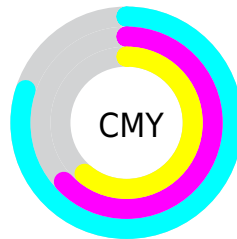
- Red (20%)
- Green (37%)
- Blue (39%)



- Red (20%)
- Yellow (29%)
- Blue (39%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (63%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 345E64 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 345E64 by changing the saturation by 10% instead.





345E64



345E64

FFFFFF



1B464C



669097



003035



80ABB1



001C20



9BC6CD



000008



B6E2E9



000000



D2FFFF



FFFFFF



345E64



345E64



2A5D64



3E5F64

■ 205C64

■ 486164

■ 165A64

■ 526264

■ 0C5964

■ 5C6364

■ 025864

■ 666464

■ 005864

■ 706664

■ 7A6764

■ 846864

■ 8E6964

# Harmonies

## Analogous

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



395E58



345E64



3B5C6D

# Triad

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



345E64



685063



60573F

# Complementary

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



345E64



643A34

# 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.



6A5342



345E64



6F4F57

# Square

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



345E64



5B546C



70504B



535B43

# Rectangle

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



345E64



445A6F



70504B



645640



# Sweetspot

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



345E64



708082



34643A



374142



C2C2C2



424242



# Same Dimension

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



345E64



377982



344664



2E3233



006473



00D4F2



# Inverse Universe

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



64345E



823779



645234



332E32



730064

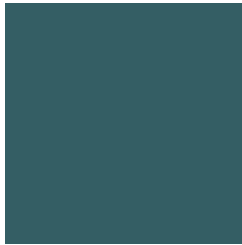


F200D4



# Previews

## White Background



This preview shows how the Hex color 345E64 looks on a white background.

## Color Contrast Check

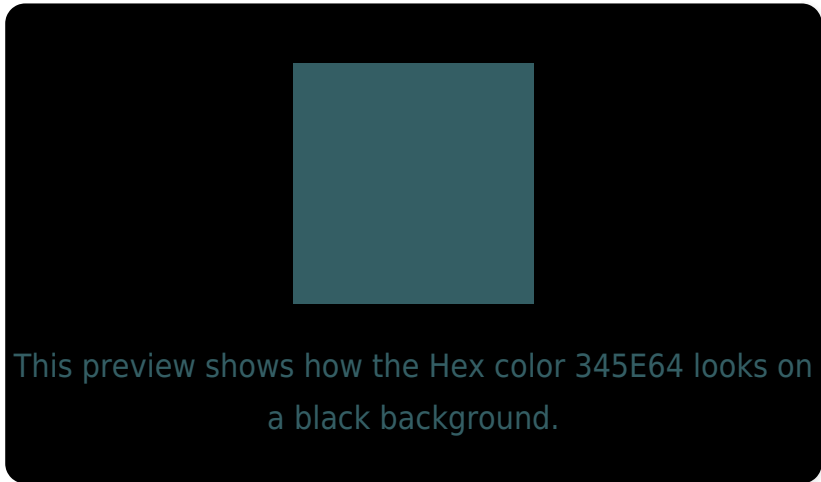
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Any Text WCAG AA × Fail

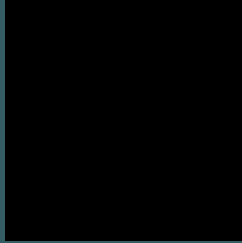
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 345E64 Background



This preview shows how black text looks on a background with the Hex color 345E64.



This preview shows how white text looks on a background with the Hex color 345E64.

# 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**  
345E64

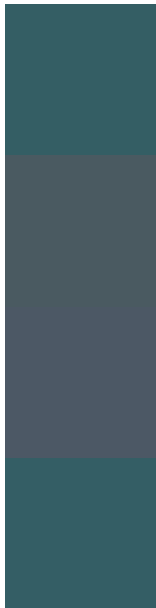
**Protanopia**  
56575F

**Deuteranopia**  
595566



**Tritanopia**  
345E65

# Trichromacy



**Original Color**  
345E64

**Protanomaly**  
4A5A61

**Deuteranomaly**  
4C5865

**Tritanomaly**  
345E65

# Monochromacy



**Original Color**  
345E64

**Achromatopsia**  
525252

**Achromatomaly**  
475659

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 345E64 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 #345E64 looks like.

```
.text, #text, p{  
    color:#345E64  
}
```

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 #345E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345E64  
}
```

## Border

The CSS property to change the border of an element to Hex 345E64 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  
#345E64 }
```

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

```
.border{ border-color:#345E64 }
```

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

Here you see how a box with a 4 pixel #345E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345E64; -webkit-box-shadow:4px 4px  
4px 4px #345E64; box-shadow:4px 4px 4px  
4px #345E64 }
```

# Background

The CSS property to change the background color of an element to Hex 345E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345E64 }
```

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

```
.background{ background-color:#345E64 }
```

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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