

# Converting Colors

Hex(345C5C)

Have a look what the booklet for  
Hex(345C5C) contains.

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# Color

Hex(345C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	345C5C
RGB	52, 92, 92
RGB Percent	20%, 36%, 36%
CMY	0.7961, 0.6392, 0.6392
CMYK	0.43, 0.00, 0.00, 0.64
HSL	180°, 28%, 28%
HSV	180°, 43%, 36%
XYZ	7.1751, 9.1571, 11.5145
YIQ	80.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

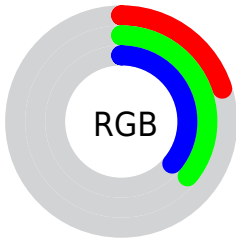
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 72, 92
Decimal	3431516
CIELab	36.28, -14.05, -4.43
CIELCh	36, 14.732, 197.508
Yxy	9.1571, 0.2577, 0.3288
Android (android.graphics.Color)	4281621596 (0xFF345C5C)
YUV	80.0400, 5.8963, -24.5911
Hunter-Lab	30.2606, -10.6321, -1.3781

# Details

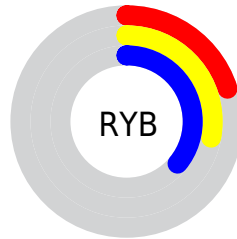
The Hex color **345C5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3434**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **658E8E**, and **012E2E** is the 20% darker color. If you saturate the color by 10%, you get **2B5C5C**, and if you desaturate by 10%, it is **3D5C5C**.

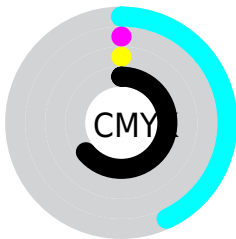
# Distribution



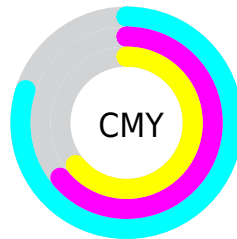
- Red (20%)
- Green (36%)
- Blue (36%)



- Red (20%)
- Yellow (28%)
- Blue (36%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 345C5C 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 345C5C by changing the saturation by 10% instead.



■ 345C5C

■ 345C5C

FFFFFF

■ 1C4445

■ 658E8E

■ 012E2E

■ 7FA9A9

■ 001A1A

■ 9AC4C4

■ 000000

■ B5E0E0

■ D1FDFC

■ EDFFFF

■ 345C5C

■ 345C5C

■ 2B5C5C

■ 3D5C5C

■ 225C5C

■ 465C5C

■ 185C5C

■ 505C5C

■ 0F5C5C

■ 595C5C

■ 065C5C

■ 625C5C

■ 005C5C

■ 6B5C5C

■ 745C5C

■ 7E5C5C

■ 875C5C

# Harmonies

## Analogous

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



3D5C50



345C5C



355B66

# Triad

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



345C5C



605065



63533F

# Complementary

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



345C5C



5C3434

# 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.



6B4F44



345C5C



6A4D5B

# Square

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



345C5C



51546C



6E4D4F



57573F

# Rectangle

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



345C5C



3C596B



6E4D4F



665240



# Sweetspot

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



345C5C



687878



345C34



333D3D



BDBDBD



3D3D3D



# Same Dimension

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



345C5C



3A7878



34485C



292E2E



006E6E



00EDED



# Inverse Universe

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



5C345C



783A78



5C4834



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 345C5C looks on a white background.

## Color Contrast Check

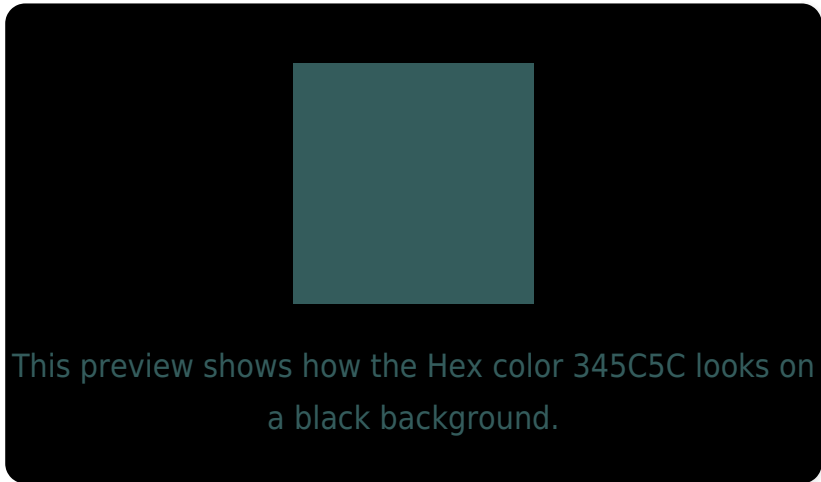
Large Text (above 18pt) WCAG AA ✓ Pass

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

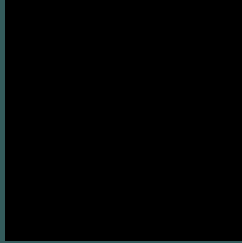
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 345C5C Background



This preview shows how black text looks on a background with the Hex color 345C5C.

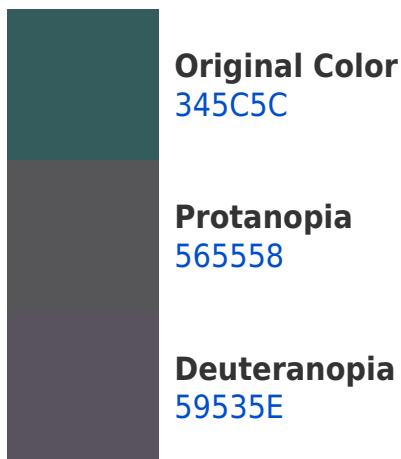



This preview shows how white text looks on a background with the Hex color 345C5C.

# 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](#).

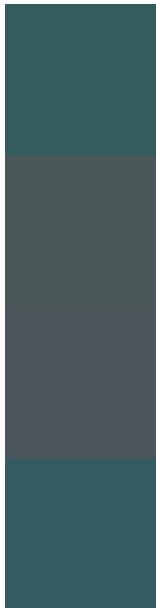
## Dichromacy





**Tritanopia**  
365B62

# Trichromacy



**Original Color**  
345C5C

**Protanomaly**  
4A5859

**Deuteranomaly**  
4C565D

**Tritanomaly**  
355B60

# Monochromacy



**Original Color**  
345C5C

**Achromatopsia**  
505050

**Achromatomaly**  
465454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 345C5C 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 #345C5C looks like.

```
.text, #text, p{  
    color:#345C5C  
}
```

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 #345C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345C5C
}
```

## Border

The CSS property to change the border of an element to Hex 345C5C 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
#345C5C }
```

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

```
.border{ border-color:#345C5C }
```

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

Here you see how a box with a 4 pixel #345C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345C5C; -webkit-box-shadow:4px 4px  
4px 4px #345C5C; box-shadow:4px 4px 4px  
4px #345C5C }
```

# Background

The CSS property to change the background color of an element to Hex 345C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345C5C }
```

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

```
.background{ background-color:#345C5C }
```

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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