

# Converting Colors

Hex(335E59)

Have a look what the booklet for  
Hex(335E59) contains.

<b>Hex(335E59)</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(335E59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	335E59
RGB	51, 94, 89
RGB Percent	20%, 37%, 35%
CMY	0.8000, 0.6314, 0.6510
CMYK	0.46, 0.00, 0.05, 0.63
HSL	173°, 30%, 28%
HSV	173°, 46%, 37%
XYZ	7.1711, 9.4305, 10.8935
YIQ	80.5730, -24.0230, -10.6710

# Conversions

## Conversions Part 2

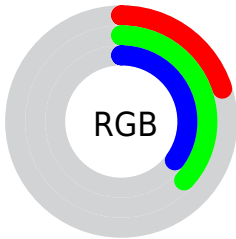
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 74, 94
Decimal	3366489
CIELab	36.80, -16.31, -1.81
CIELCh	37, 16.410, 186.338
Yxy	9.4305, 0.2608, 0.3430
Android (android.graphics.Color)	4281556569 (0xFF335E59)
YUV	80.5730, 4.1545, -25.9355
Hunter-Lab	30.7091, -12.0580, 0.4643

# Details

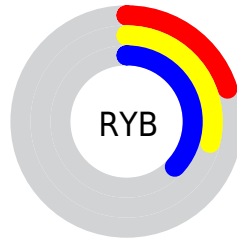
The Hex color **335E59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3338**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **64918B**, and **00302C** is the 20% darker color. If you saturate the color by 10%, you get **2A5E58**, and if you desaturate by 10%, it is **3C5E5A**.

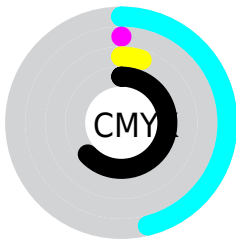
# Distribution



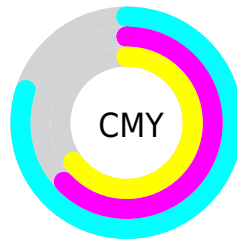
- Red (20%)
- Green (37%)
- Blue (35%)



- Red (20%)
- Yellow (29%)
- Blue (37%)



- Cyan (46%)
- Magenta (0%)
- Yellow (5%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 335E59 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 335E59 by changing the saturation by 10% instead.





335E59



335E59

FFFFFF



1B4642



64918B



00302C



7EABA5



001C17



99C7C0



000000



B4E3DC



D0FFF9



ECFFFF



335E59



335E59



2A5E58



3C5E5A

■ 205E57

■ 465E5B

■ 175E56

■ 4F5E5C

■ 0D5E55

■ 595E5D

■ 045E54

■ 625E5E

■ 005E53

■ 6B5E60

■ 755E61

■ 7E5E62

■ 885E63

# Harmonies

## Analogous

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



405D4C



335E59



2F5D66

# Triad

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



335E59



5C526C



69523F

# Complementary

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



335E59



5E3338

# 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.



704E48



335E59



6A4E61

# Square

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



335E59



4A5771



714D54



5D573C

# Rectangle

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



335E59



345C6C



714D54



6C5141



# Sweetspot

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



335E59



697A78



385E33



333D3C



BDBDBD



3D3D3D



# Same Dimension

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



335E59



377A73



334E5E



292E2D



006E61



00EDD2



# Inverse Universe

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



5E3338



7A373F



5E4333



2E292A



6E000D



ED001C



# Previews

## White Background



This preview shows how the Hex color 335E59 looks on a white background.

## Color Contrast Check

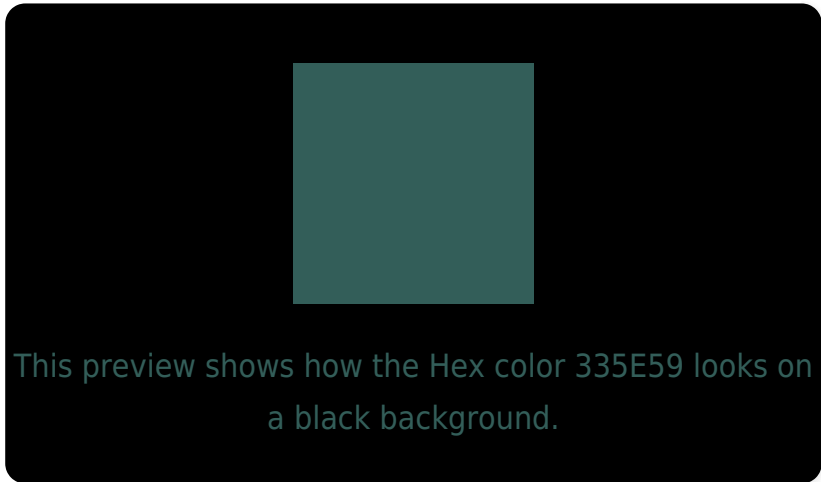
Large Text (above 18pt) WCAG AA ✓ Pass

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

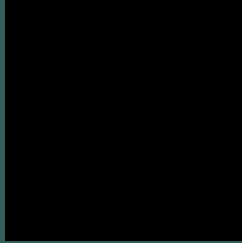
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 335E59 Background



This preview shows how black text looks on a background with the Hex color 335E59.

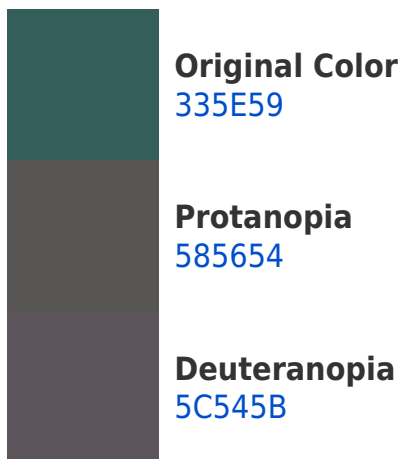


This preview shows how white text looks on a background with the Hex color 335E59.

# 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**  
365C64

# Trichromacy



**Original Color**  
335E59

**Protanomaly**  
4B5956

**Deuteranomaly**  
4D585A

**Tritanomaly**  
355D60

# Monochromacy



**Original Color**  
335E59

**Achromatopsia**  
515151

**Achromatomaly**  
465654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 335E59 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 #335E59 looks like.

```
.text, #text, p{  
    color:#335E59  
}
```

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 #335E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335E59
}
```

## Border

The CSS property to change the border of an element to Hex 335E59 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
#335E59 }
```

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

```
.border{ border-color:#335E59 }
```

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

Here you see how a box with a 4 pixel #335E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335E59; -webkit-box-shadow:4px 4px  
4px 4px #335E59; box-shadow:4px 4px 4px  
4px #335E59 }
```

# Background

The CSS property to change the background color of an element to Hex 335E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335E59 }
```

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

```
.background{ background-color:#335E59 }
```

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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