

# Converting Colors

Hex(335F55)

Have a look what the booklet for  
Hex(335F55) contains.

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# Color

Hex(335F55)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	335F55
RGB	51, 95, 85
RGB Percent	20%, 37%, 33%
CMY	0.8000, 0.6275, 0.6667
CMYK	0.46, 0.00, 0.11, 0.63
HSL	166°, 30%, 29%
HSV	166°, 46%, 37%
XYZ	7.0971, 9.5441, 10.0625
YIQ	80.7040, -23.0140, -12.4380

# Conversions

## Conversions Part 2

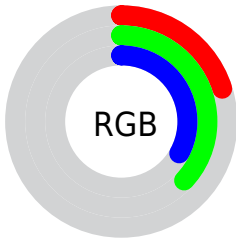
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 76, 95
Decimal	3366741
CIELab	37.01, -17.95, 0.98
CIELCh	37, 17.976, 176.887
Yxy	9.5441, 0.2658, 0.3574
Android (android.graphics.Color)	4281556821 (0xFF335F55)
YUV	80.7040, 2.1179, -26.0504
Hunter-Lab	30.8935, -13.0570, 2.3139

# Details

The Hex color **335F55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F333D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **649287**, and **003028** is the 20% darker color. If you saturate the color by 10%, you get **2A5F53**, and if you desaturate by 10%, it is **3D5F57**.

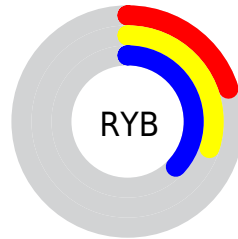
# Distribution



Red (20%)

Green (37%)

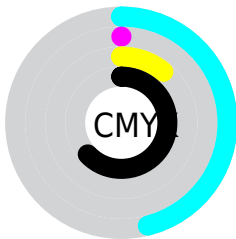
Blue (33%)



Red (20%)

Yellow (30%)

Blue (37%)

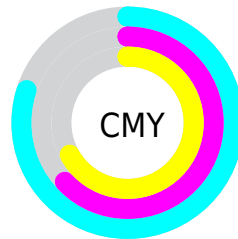


Cyan (46%)

Magenta (0%)

Yellow (11%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 335F55 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 335F55 by changing the saturation by 10% instead.





335F55



335F55

FFFFFF



1B473E



649287



003028



7EACA1



001D14



99C8BC



000000



B4E4D7



D0FFF4



ECFFFF



335F55



335F55



2A5F53



3D5F57

■ 205F51

■ 465F59

■ 165F4F

■ 505F5B

■ 0D5F4C

■ 595F5E

■ 035F4A

■ 625F60

■ 005F49

■ 6C5F62

■ 765F64

■ 7F5F66

■ 895F68

# Harmonies

## Analogous

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



435D47



335F55



2A5F64

# Triad

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



335F55



575471



6E513F

# Complementary

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



335F55



5F333D

# 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.



744D4B



335F55



684F67

# Square

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



335F55



425974



724C59



63563A

# Rectangle

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



335F55



2C5E6C



724C59



714F43



# Sweetspot

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



335F55



697A77



3D5F33



333D3B



BDBDBD



3D3D3D



# Same Dimension

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



335F55



367A6B



33535F



2C302F



007057



00F0B9



# Inverse Universe

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



5F333D



7A3645



5F3F33



302C2D



700019



F00036



# Previews

## White Background



This preview shows how the Hex color 335F55 looks on a white background.

## Color Contrast Check

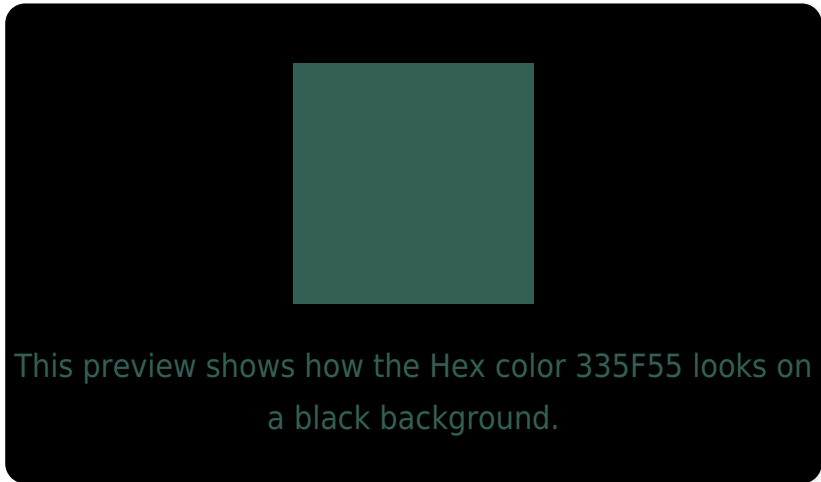
Large Text (above 18pt) WCAG AA ✓ Pass

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

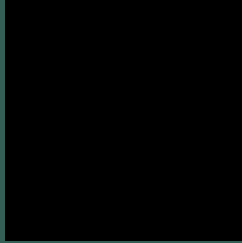
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 335F55 Background



This preview shows how black text looks on a background with the Hex color 335F55.



This preview shows how white text looks on a background with the Hex color 335F55.

# 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**  
335F55

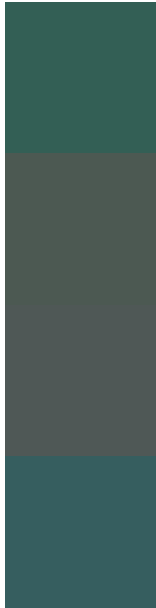
**Protanopia**  
5A5650

**Deuteranopia**  
5F5457



**Tritanopia**  
375D64

# Trichromacy



**Original Color**  
335F55

**Protanomaly**  
4C5952

**Deuteranomaly**  
4F5856

**Tritanomaly**  
365E5F

# Monochromacy



**Original Color**  
335F55

**Achromatopsia**  
515151

**Achromatomaly**  
465652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 335F55 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 #335F55 looks like.

```
.text, #text, p{  
    color:#335F55  
}
```

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 #335F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335F55  
}
```

## Border

The CSS property to change the border of an element to Hex 335F55 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  
#335F55 }
```

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

```
.border{ border-color:#335F55 }
```

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

Here you see how a box with a 4 pixel #335F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335F55; -webkit-box-shadow:4px 4px  
4px 4px #335F55; box-shadow:4px 4px 4px  
4px #335F55 }
```

# Background

The CSS property to change the background color of an element to Hex 335F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335F55 }
```

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

```
.background{ background-color:#335F55 }
```

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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