

# Converting Colors

Hex(335B34)

Have a look what the booklet for  
Hex(335B34) contains.

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# Color

Hex(335B34)

# Conversions

## Conversions Part 1

Format	Color
Hex	335B34
RGB	51, 91, 52
RGB Percent	20%, 36%, 20%
CMY	0.8000, 0.6431, 0.7961
CMYK	0.44, 0.00, 0.43, 0.64
HSL	122°, 28%, 28%
HSV	122°, 44%, 36%
XYZ	5.7262, 8.4339, 4.5749
YIQ	74.5940, -11.3210, -20.6090

# Conversions

## Conversions Part 2

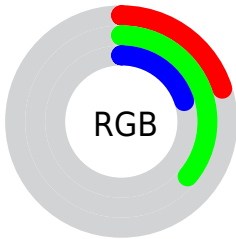
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 90, 91
Decimal	3365684
CIELab	34.87, -23.26, 18.18
CIELCh	35, 29.521, 141.992
Yxy	8.4339, 0.3056, 0.4502
Android (android.graphics.Color)	4281555764 (0xFF335B34)
YUV	74.5940, -11.1388, -20.6919
Hunter-Lab	29.0412, -15.6266, 10.9888




# Details

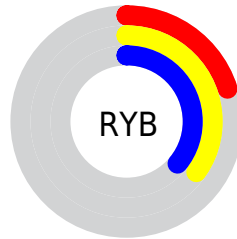
The Hex color **335B34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B335A**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **648E63**, and **032D07** is the 20% darker color. If you saturate the color by 10%, you get **2A5B2B**, and if you desaturate by 10%, it is **3C5B3D**.

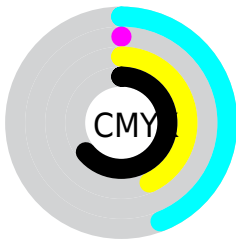
# Distribution







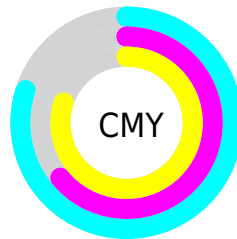
-  Red (20%)
-  Green (36%)
-  Blue (20%)






-  Red (20%)
-  Yellow (35%)
-  Blue (36%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (43%)
-  Black (64%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 335B34 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 335B34 by changing the saturation by 10% instead.





335B34



335B34

FFFFFF



1B431E



648E63



032D07



7DA87C



001A00



98C396



000000



B3DFB1



CFFCCC



EBFFE9



335B34



335B34



2A5B2B



3C5B3D

■ 215B22

■ 455B46

■ 185B19

■ 4E5B4F

■ 0F5B11

■ 575B57

■ 065B08

■ 615B60

■ 005B02

■ 6A5B69

■ 735B72

■ 7C5B7B

■ 855B84

# Harmonies

## Analogous

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



4F5625



335B34



005E4B

# Triad

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



335B34



155680



7E3F42

# Complementary

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



335B34



5B35A

# 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.



7A3F59



335B34



4A4E7E

# Square

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



335B34



005C77



69456F



76462E

# Rectangle

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



335B34



005E5B



69456F



7E3E49



# Sweetspot

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



335B34



667566



5A5B33



313B32



BABABA



3B3B3B



# Same Dimension

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



335B34



377539



335B48



292E29



006E03



00ED06



# Inverse Universe

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



5B335A



753774



5B3346



2E292E



6E006B

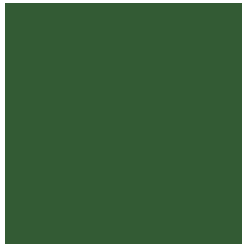


ED00E7



# Previews

## White Background



This preview shows how the Hex color 335B34 looks on a white background.

## Color Contrast Check

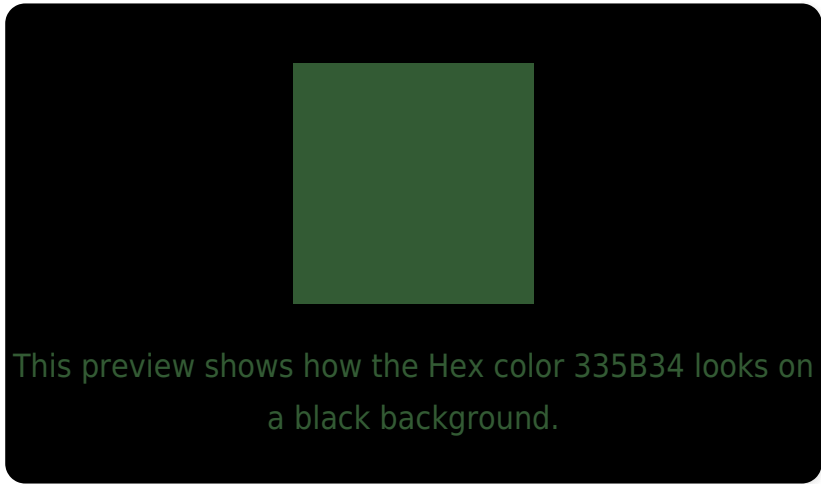
Large Text (above 18pt) WCAG AA ✓ Pass

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

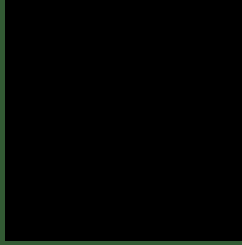
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 335B34 Background



This preview shows how black text looks on a background with the Hex color 335B34.



This preview shows how white text looks on a background with the Hex color 335B34.

# 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**  
335B34

**Protanopia**  
595230

**Deuteranopia**  
624E37



**Tritanopia**  
3B565D

# Trichromacy



**Original Color**  
335B34

**Protanomaly**  
4B5531

**Deuteranomaly**  
515336

**Tritanomaly**  
38584E

# Monochromacy



**Original Color**  
335B34

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
425143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 335B34 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 #335B34 looks like.

```
.text, #text, p{  
    color:#335B34  
}
```

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 #335B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335B34
}
```

## Border

The CSS property to change the border of an element to Hex 335B34 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".

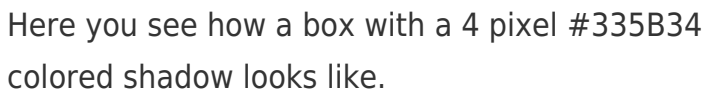
```
.border, #border, table{ border:4px solid
#335B34 }
```

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

```
.border{ border-color:#335B34 }
```

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

Here you see how a box with a 4 pixel #335B34 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335B34; -webkit-box-shadow:4px 4px  
4px 4px #335B34; box-shadow:4px 4px 4px  
4px #335B34 }
```

# Background

The CSS property to change the background color of an element to Hex 335B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335B34 }
```

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

```
.background{ background-color:#335B34 }
```

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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