

Converting Colors

Hex(335B59)

Have a look what the booklet for
Hex(335B59) contains.

Hex(335B59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(335B59)

Conversions

Conversions Part 1

Format	Color
Hex	335B59
RGB	51, 91, 89
RGB Percent	20%, 36%, 35%
CMY	0.8000, 0.6431, 0.6510
CMYK	0.44, 0.00, 0.02, 0.64
HSL	177°, 28%, 28%
HSV	177°, 44%, 36%
XYZ	6.9095, 8.9072, 10.8063
YIQ	78.8120, -23.1980, -9.1020

Conversions

Conversions Part 2

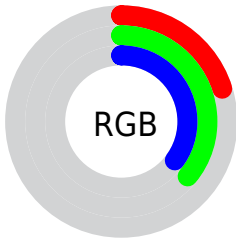
Format	Color
RYB	51, 72, 91
Decimal	3365721
CIELab	35.81, -14.62, -3.28
CIELCh	36, 14.985, 192.640
Yxy	8.9072, 0.2595, 0.3346
Android (android.graphics.Color)	4281555801 (0xFF335B59)
YUV	78.8120, 5.0227, -24.3911
Hunter-Lab	29.8450, -10.9038, -0.5762

Details

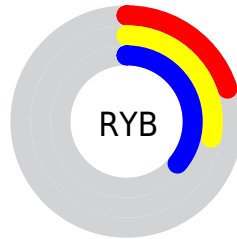
The Hex color **335B59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B3335**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **648D8B**, and **012D2C** is the 20% darker color. If you saturate the color by 10%, you get **2A5B59**, and if you desaturate by 10%, it is **3C5B59**.

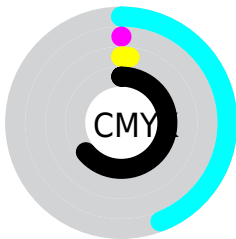
Distribution



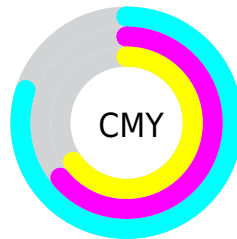
- Red (20%)
- Green (36%)
- Blue (35%)



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



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335B59 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 335B59 by changing the saturation by 10% instead.

■ 335B59

■ 335B59

FFFFFF

■ 1B4342

■ 648D8B

■ 012D2C

■ 7EA8A5

■ 001917

■ 98C3C0

■ 000000

■ B4DFDC

■ CFFCF9

■ ECFFFF

■ 335B59

■ 335B59

■ 2A5B59

■ 3C5B59

■ 215B58

■ 455B5A

■ 185B58

■ 4E5B5A

■ 0F5B57

■ 575B5B

■ 065B57

■ 615B5B

■ 005B56

■ 6A5B5C

■ 735B5C

■ 7C5B5D

■ 855B5D

Harmonies

Analogous

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



3D5A4D



335B59



325A64

Triad

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



335B59



5C4F66



63513E

Complementary

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



335B59



5B3335

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.



6B4D45



335B59



684C5C

Square

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



335B59



4D546B



6D4C4F



58553D

Rectangle

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



335B59



385869



6D4C4F



66503F

Sweetspot

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



335B59



667575



355B33



313B3A



BABABA



3B3B3B

Same Dimension

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



335B59



377572



334A5B



292E2E



006E68



00EDE1

Inverse Universe

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



5B3335



75373A



5B4533



2E292A



6E0005



ED000C

Previews

White Background



This preview shows how the Hex color 335B59 looks on a white background.

Color Contrast Check

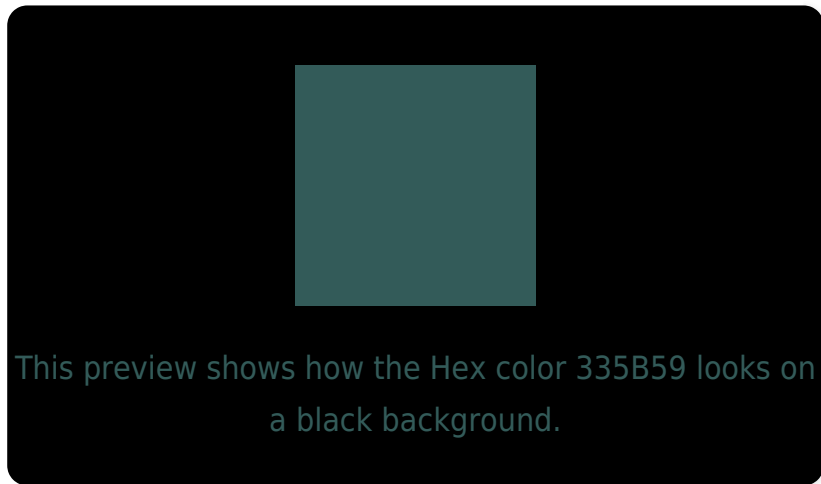
Large Text (above 18pt) WCAG AA ✓ Pass

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

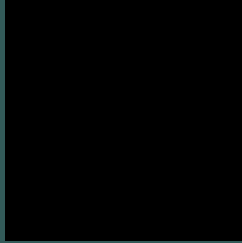
Any Text WCAG AA × Fail

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 335B59 Background



This preview shows how black text looks on a background with the Hex color 335B59.

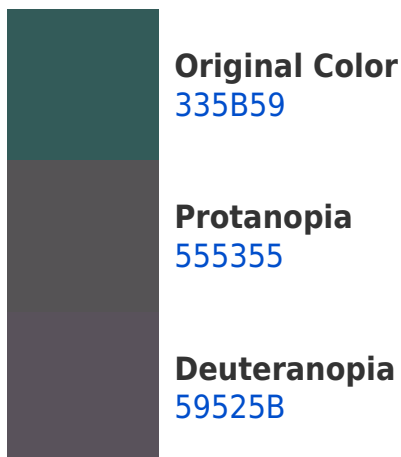



This preview shows how white text looks on a background with the Hex color 335B59.

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](#).

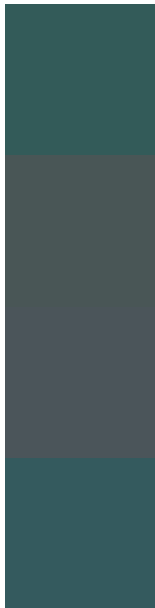
Dichromacy





Tritanopia
355A61

Trichromacy



Original Color
335B59

Protanomaly
495656

Deuteranomaly
4B555A

Tritanomaly
345A5E

Monochromacy



Original Color
335B59

Achromatopsia
4F4F4F

Achromatomaly
455353

CSS Examples

Text

The CSS property to change the color of the text to Hex 335B59 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 #335B59 looks like.

```
.text, #text, p{  
    color:#335B59  
}
```

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 #335B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335B59
}
```

Border

The CSS property to change the border of an element to Hex 335B59 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
#335B59 }
```

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

```
.border{ border-color:#335B59 }
```

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

Here you see how a box with a 4 pixel #335B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335B59; -webkit-box-shadow:4px 4px  
4px 4px #335B59; box-shadow:4px 4px 4px  
4px #335B59 }
```

Background

The CSS property to change the background color of an element to Hex 335B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335B59 }
```

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

```
.background{ background-color:#335B59 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor