

Converting Colors

Hex(335863)

Have a look what the booklet for
Hex(335863) contains.

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Color

Hex(335863)

Conversions

Conversions Part 1

Format	Color
Hex	335863
RGB	51, 88, 99
RGB Percent	20%, 35%, 39%
CMY	0.8000, 0.6549, 0.6118
CMYK	0.48, 0.11, 0.00, 0.61
HSL	194°, 32%, 29%
HSV	194°, 48%, 39%
XYZ	7.1071, 8.5841, 13.0867
YIQ	78.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

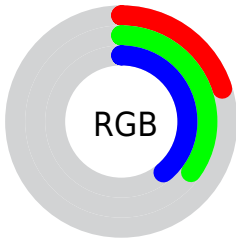
Format	Color
RYB	51, 72, 99
Decimal	3364963
CIELab	35.17, -9.92, -10.47
CIELCh	35, 14.425, 226.566
Yxy	8.5841, 0.2470, 0.2983
Android (android.graphics.Color)	4281555043 (0xFF335863)
YUV	78.1910, 10.2588, -23.8465
Hunter-Lab	29.2986, -7.9731, -5.9737




Details

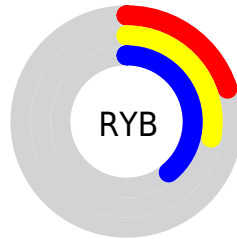
The Hex color **335863** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **633E33**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **658A96**, and **002B34** is the 20% darker color. If you saturate the color by 10%, you get **295663**, and if you desaturate by 10%, it is **3D5A63**.

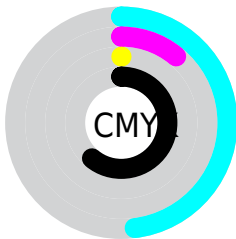
Distribution







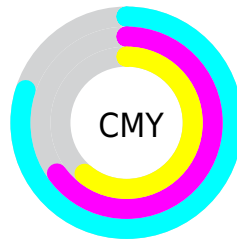
-  Red (20%)
-  Green (35%)
-  Blue (39%)






-  Red (20%)
-  Yellow (28%)
-  Blue (39%)



-  Cyan (48%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335863 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 335863 by changing the saturation by 10% instead.

■ 335863

■ 335863

FFFFFF

■ 1A414B

■ 658A96

■ 002B34

■ 7FA4B0

■ 00171F

■ 99BFCC

■ 000005

■ B4DBE8

■ 000000

■ D0F8FF

■ EDFFFF

■ 335863

■ 335863

■ 295663

■ 3D5A63

■ 1F5363

■ 475D63

■ 155163

■ 515F63

■ 0B4F63

■ 5B6163

■ 024D63

■ 656363

■ 004C63

■ 6E6663

■ 786863

■ 826A63

■ 8C6C63

Harmonies

Analogous

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



325959



335863



3E5569

Triad

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



335863



664B58



55543D

Complementary

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



335863



633E33

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.



60503D



335863



6A4B4D

Square

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



335863



5C4E63



684D42



485743

Rectangle

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



335863



485369



684D42



59533C

Sweetspot

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



335863



6C7B80



33633D



343D40



BFBFBF



404040

Same Dimension

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



335863



366F80



334163



2C2F30



005670



00B9F0

Inverse Universe

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



633358



80366F



635533



302C2F



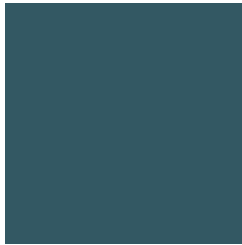
700056



F000B9

Previews

White Background



This preview shows how the Hex color 335863 looks on a white background.

Color Contrast Check

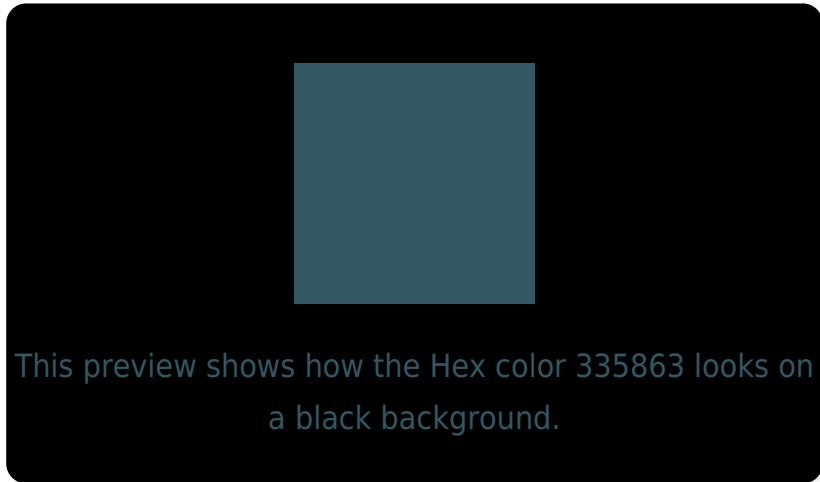
Large Text (above 18pt) WCAG AA ✓ Pass

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

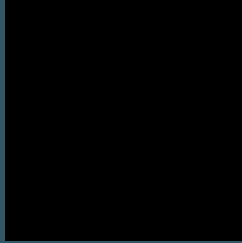
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

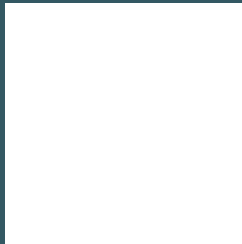
Any Text WCAG AAA × Fail

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

Hex 335863 Background



This preview shows how black text looks on a background with the Hex color 335863.

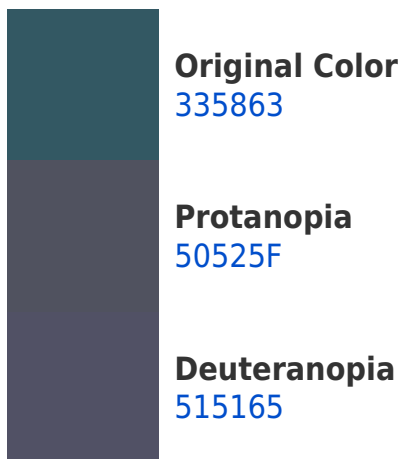



This preview shows how white text looks on a background with the Hex color 335863.

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](#).

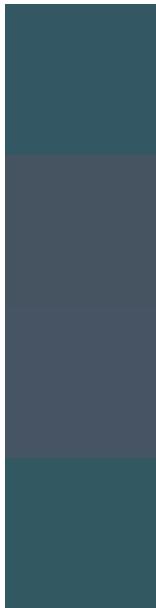
Dichromacy





Tritanopia
325960

Trichromacy



Original Color
335863

Protanomaly
455460

Deuteranomaly
465464

Tritanomaly
325961

Monochromacy



Original Color
335863

Achromatopsia
4E4E4E

Achromatomaly
445256

CSS Examples

Text

The CSS property to change the color of the text to Hex 335863 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 #335863 looks like.

```
.text, #text, p{  
    color:#335863  
}
```

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 #335863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335863
}
```

Border

The CSS property to change the border of an element to Hex 335863 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".

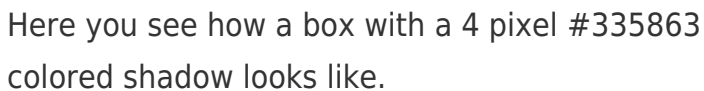
```
.border, #border, table{ border:4px solid
#335863 }
```

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

```
.border{ border-color:#335863 }
```

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

Here you see how a box with a 4 pixel #335863 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335863; -webkit-box-shadow:4px 4px  
4px 4px #335863; box-shadow:4px 4px 4px  
4px #335863 }
```

Background

The CSS property to change the background color of an element to Hex 335863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335863 }
```

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

```
.background{ background-color:#335863 }
```

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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