

Converting Colors

Hex(335960)

Have a look what the booklet for
Hex(335960) contains.

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Color

Hex(335960)

Conversions

Conversions Part 1

Format	Color
Hex	335960
RGB	51, 89, 96
RGB Percent	20%, 35%, 38%
CMY	0.8000, 0.6510, 0.6235
CMYK	0.47, 0.07, 0.00, 0.62
HSL	189°, 31%, 29%
HSV	189°, 47%, 38%
XYZ	7.0489, 8.6931, 12.3727
YIQ	78.4360, -24.8950, -5.8790

Conversions

Conversions Part 2

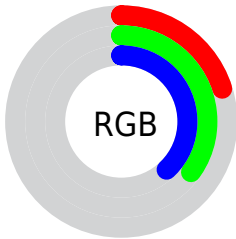
Format	Color
RYB	51, 72, 96
Decimal	3365216
CIELab	35.39, -11.42, -8.27
CIElCh	35, 14.105, 215.918
Yxy	8.6931, 0.2507, 0.3092
Android (android.graphics.Color)	4281555296 (0xFF335960)
YUV	78.4360, 8.6591, -24.0614
Hunter-Lab	29.4841, -8.9220, -4.2417




Details

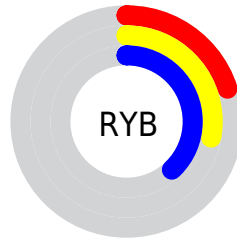
The Hex color **335960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **603A33**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **648B92**, and **002B32** is the 20% darker color. If you saturate the color by 10%, you get **295860**, and if you desaturate by 10%, it is **3D5A60**.

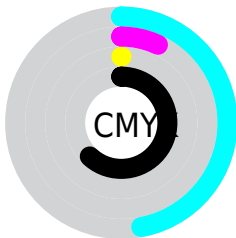
Distribution







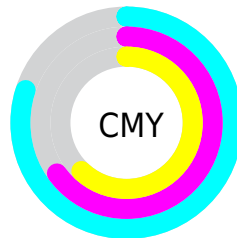
-  Red (20%)
-  Green (35%)
-  Blue (38%)






-  Red (20%)
-  Yellow (28%)
-  Blue (38%)



-  Cyan (47%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335960 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 335960 by changing the saturation by 10% instead.

■ 335960

■ 335960

FFFFFF

■ 1A4248

■ 648B92

■ 002B32

■ 7EA5AD

■ 00181D

■ 99C1C8

■ 000001

■ B4DCE4

■ 000000

■ D0F9FF

■ EDFFFF

■ 335960

■ 335960

■ 295860

■ 3D5A60

■ 205660

■ 465C60

■ 165560

■ 505D60

■ 0D5360

■ 595F60

■ 035260

■ 636060

■ 005160

■ 6D6260

■ 766360

■ 806560

■ 896660

Harmonies

Analogous

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



365A55



335960



3A5767

Triad

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



335960



644C5D



59533D

Complementary

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



335960



603A33

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.



634F3F



335960



6A4B51

Square

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



335960



585065



694C47



4D5741

Rectangle

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



335960



445569



694C47



5D523D

Sweetspot

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



335960



6B7A7D



33603A



353E40



BFBFBF



404040

Same Dimension

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



335960



37727D



334360



2C3030



005F70



00CAF0

Inverse Universe

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



603359



7D3772



605033



302C30



70005F



F000CA

Previews

White Background



This preview shows how the Hex color 335960 looks on a white background.

Color Contrast Check

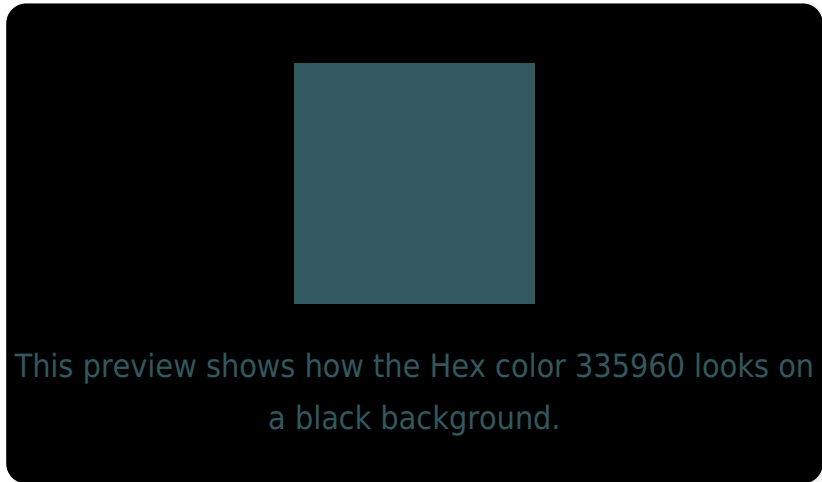
Large Text (above 18pt) WCAG AA ✓ Pass

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

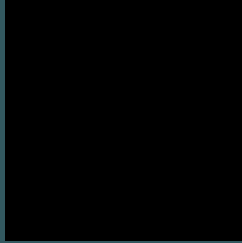
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

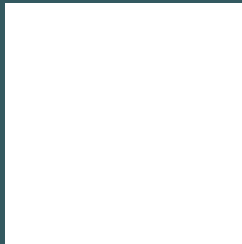
Any Text WCAG AAA × Fail

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

Hex 335960 Background



This preview shows how black text looks on a background with the Hex color 335960.



This preview shows how white text looks on a background with the Hex color 335960.

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
335960

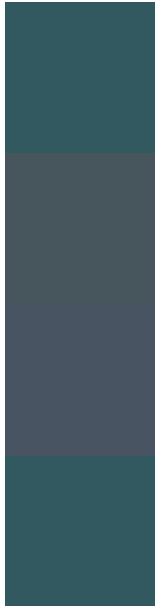
Protanopia
52525C

Deuteranopia
545162



Tritanopia
335960

Trichromacy



Original Color
335960

Protanomaly
47555D

Deuteranomaly
485461

Tritanomaly
335960

Monochromacy



Original Color
335960

Achromatopsia
4E4E4E

Achromatomaly
445255

CSS Examples

Text

The CSS property to change the color of the text to Hex 335960 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 #335960 looks like.

```
.text, #text, p{  
    color:#335960  
}
```

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 #335960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335960
}
```

Border

The CSS property to change the border of an element to Hex 335960 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
#335960 }
```

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

```
.border{ border-color:#335960 }
```

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

Here you see how a box with a 4 pixel #335960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335960; -webkit-box-shadow:4px 4px  
4px 4px #335960; box-shadow:4px 4px 4px  
4px #335960 }
```

Background

The CSS property to change the background color of an element to Hex 335960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335960 }
```

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

```
.background{ background-color:#335960 }
```

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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