

Converting Colors

Hex(335D67)

Have a look what the booklet for
Hex(335D67) contains.

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Color

Hex(335D67)

Conversions

Conversions Part 1

Format	Color
Hex	335D67
RGB	51, 93, 103
RGB Percent	20%, 36%, 40%
CMY	0.8000, 0.6353, 0.5961
CMYK	0.50, 0.10, 0.00, 0.60
HSL	192°, 34%, 30%
HSV	192°, 50%, 40%
XYZ	7.7278, 9.5118, 14.2606
YIQ	81.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

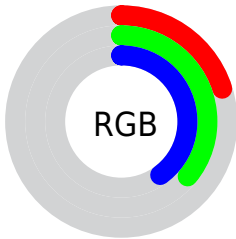
Format	Color
RYB	51, 74, 103
Decimal	3366247
CIELab	36.95, -11.63, -10.27
CIELCh	37, 15.518, 221.450
Yxy	9.5118, 0.2453, 0.3020
Android (android.graphics.Color)	4281556327 (0xFF335D67)
YUV	81.5820, 10.5591, -26.8204
Hunter-Lab	30.8412, -9.2459, -5.8262




Details

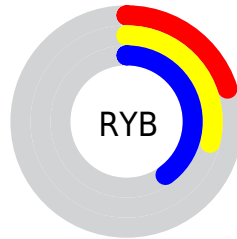
The Hex color **335D67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **673D33**, and the grayscale version is **525252**.



A 20% lighter version of the original color is **658F9A**, and **002F38** is the 20% darker color. If you saturate the color by 10%, you get **295B67**, and if you desaturate by 10%, it is **3D5F67**.

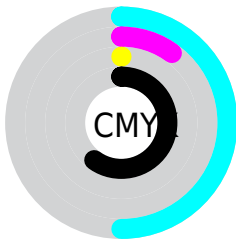
Distribution







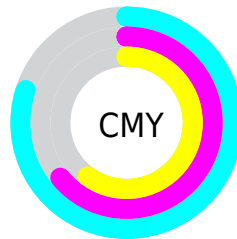
-  Red (20%)
-  Green (36%)
-  Blue (40%)






-  Red (20%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (64%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335D67 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 335D67 by changing the saturation by 10% instead.

■ 335D67

■ 335D67

FFFFFF

■ 19454F

■ 658F9A

■ 002F38

■ 7FAAB5

■ 001B23

■ 9AC5D0

■ 00000C

■ B5E1ED

■ 000000

■ D1FEFF

■ EEEFFF

■ 335D67

■ 335D67

■ 295B67

■ 3D5F67

■ 1E5967

■ 486167

■ 145767

■ 526367

■ 0A5567

■ 5C6567

■ 005367

■ 676767

■ 716967

■ 7B6B67

■ 856D67

■ 906F67

Harmonies

Analogous

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



345E5B



335D67



3D5A6E

Triad

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



335D67



6B4F5F



5B583E

Complementary

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



335D67



673D33

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.



675340



335D67



704E53

Square

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



335D67



5F526A



6F5047



4D5B44

Rectangle

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



335D67



485870



6F5047



60563E

Sweetspot

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



335D67



738387



33673D



384245



C4C4C4



454545

Same Dimension

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



335D67



357787



334367



2E3233



005D73



00C4F2

Inverse Universe

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



67335D



873577



675733



332E32



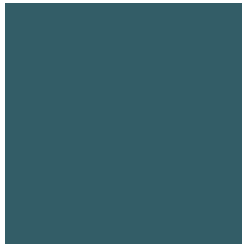
73005D



F200C4

Previews

White Background



This preview shows how the Hex color 335D67 looks on a white background.

Color Contrast Check

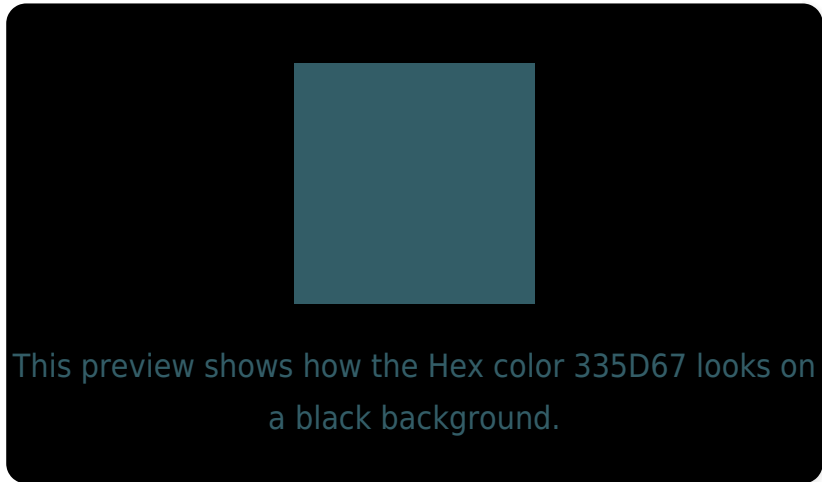
Large Text (above 18pt) WCAG AA ✓ Pass

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

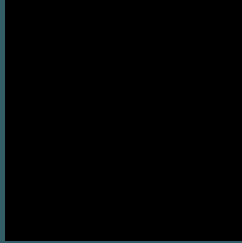
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

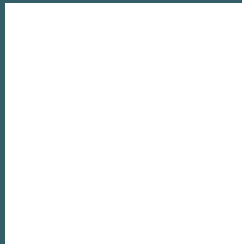
Any Text WCAG AAA × Fail

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

Hex 335D67 Background



This preview shows how black text looks on a background with the Hex color 335D67.

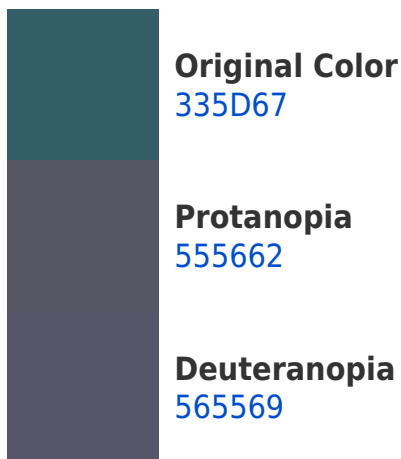



This preview shows how white text looks on a background with the Hex color 335D67.

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](#).

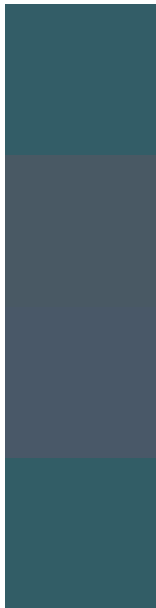
Dichromacy





Tritanopia
325D65

Trichromacy



Original Color
335D67

Protanomaly
495964

Deuteranomaly
495868

Tritanomaly
325D66

Monochromacy



Original Color
335D67

Achromatopsia
525252

Achromatomaly
47565A

CSS Examples

Text

The CSS property to change the color of the text to Hex 335D67 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 #335D67 looks like.

```
.text, #text, p{  
    color:#335D67  
}
```

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 #335D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335D67
}
```

Border

The CSS property to change the border of an element to Hex 335D67 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
#335D67 }
```

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

```
.border{ border-color:#335D67 }
```

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

Here you see how a box with a 4 pixel #335D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335D67; -webkit-box-shadow:4px 4px  
4px 4px #335D67; box-shadow:4px 4px 4px  
4px #335D67 }
```

Background

The CSS property to change the background color of an element to Hex 335D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335D67 }
```

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

```
.background{ background-color:#335D67 }
```

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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