

# Converting Colors

Hex(335C60)

Have a look what the booklet for  
Hex(335C60) contains.

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# Color

**Hex(335C60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	335C60
RGB	51, 92, 96
RGB Percent	20%, 36%, 38%
CMY	0.8000, 0.6392, 0.6235
CMYK	0.47, 0.04, 0.00, 0.62
HSL	185°, 31%, 29%
HSV	185°, 47%, 38%
XYZ	7.3037, 9.2026, 12.4577
YIQ	80.1970, -25.7200, -7.4480

# Conversions

## Conversions Part 2

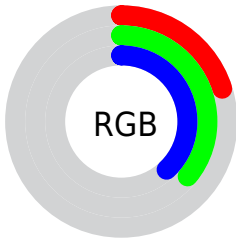
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 72, 96
Decimal	3365984
CIELab	36.37, -13.17, -6.80
CIELCh	36, 14.819, 207.304
Yxy	9.2026, 0.2522, 0.3177
Android (android.graphics.Color)	4281556064 (0xFF335C60)
YUV	80.1970, 7.7909, -25.6058
Hunter-Lab	30.3358, -10.1117, -3.1129

# Details

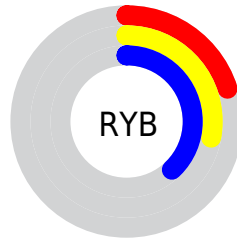
The Hex color **335C60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **603733**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **658E92**, and **002E32** is the 20% darker color. If you saturate the color by 10%, you get **295B60**, and if you desaturate by 10%, it is **3D5D60**.

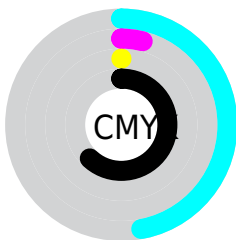
# Distribution



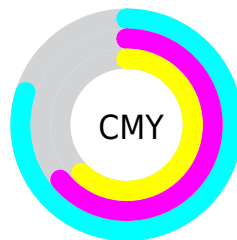
- Red (20%)
- Green (36%)
- Blue (38%)



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



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (64%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 335C60 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 335C60 by changing the saturation by 10% instead.





335C60



335C60

FFFFFF



1A4448



658E92



002E32



7FA9AD



001A1D



99C4C8



000001



B4E0E4



000000



D0FDFF



EDFFFF



335C60



335C60



295B60



3D5D60

■ 205A60

■ 465E60

■ 165960

■ 505F60

■ 0D5960

■ 595F60

■ 035860

■ 636060

■ 005760

■ 6D6160

■ 766260

■ 806360

■ 896460

# Harmonies

## Analogous

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



395C54



335C60



385A69

# Triad

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



335C60



644F63



5F543E

# Complementary

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



335C60



603733

# 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.



695042



335C60



6C4D57

# Square

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



335C60



56536B



6E4E4B



535840

# Rectangle

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



335C60



40586C



6E4E4B



63533F



# Sweetspot

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



335C60



6B7B7D



336037



353F40



BFBFBF



404040



# Same Dimension

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



335C60



37777D



334660



2C3030



006670



00DAF0



# Inverse Universe

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



60335C



7D3777



604D33



302C30



700066



F000DA



# Previews

## White Background



This preview shows how the Hex color 335C60 looks on a white background.

## Color Contrast Check

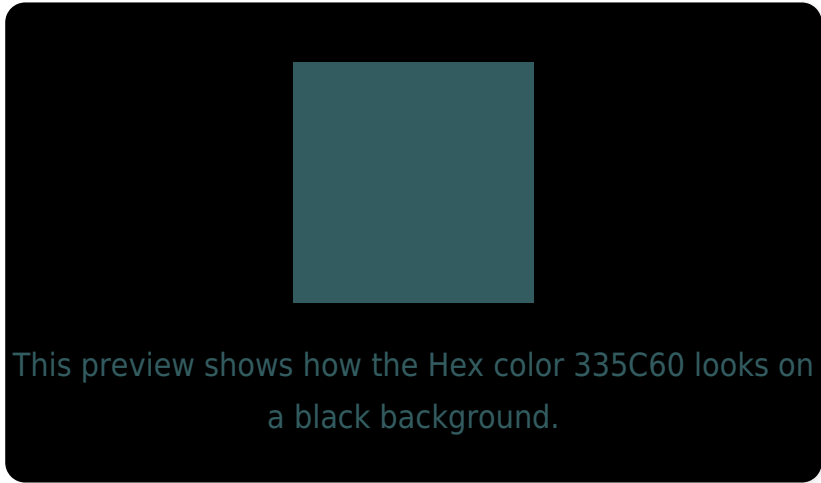
Large Text (above 18pt) WCAG AA ✓ Pass

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

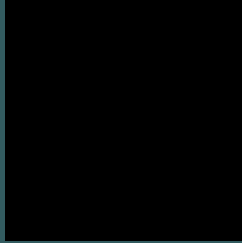
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 335C60 Background



This preview shows how black text looks on a background with the Hex color 335C60.



This preview shows how white text looks on a background with the Hex color 335C60.

# 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**  
335C60

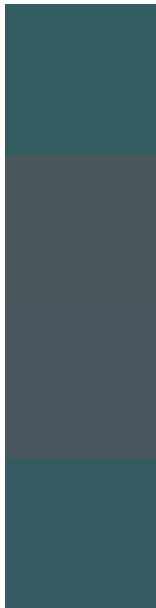
**Protanopia**  
55555B

**Deuteranopia**  
585362



**Tritanopia**  
345C63

# Trichromacy



**Original Color**  
335C60

**Protanomaly**  
49585D

**Deuteranomaly**  
4B5661

**Tritanomaly**  
345C62

# Monochromacy



**Original Color**  
335C60

**Achromatopsia**  
505050

**Achromatomaly**  
455456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 335C60 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 #335C60 looks like.

```
.text, #text, p{  
    color:#335C60  
}
```

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 #335C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335C60
}
```

## Border

The CSS property to change the border of an element to Hex 335C60 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
#335C60 }
```

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

```
.border{ border-color:#335C60 }
```

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

Here you see how a box with a 4 pixel #335C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335C60; -webkit-box-shadow:4px 4px  
4px 4px #335C60; box-shadow:4px 4px 4px  
4px #335C60 }
```

# Background

The CSS property to change the background color of an element to Hex 335C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335C60 }
```

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

```
.background{ background-color:#335C60 }
```

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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