

Converting Colors

Hex(335A53)

Have a look what the booklet for
Hex(335A53) contains.

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Color

Hex(335A53)

Conversions

Conversions Part 1

Format	Color
Hex	335A53
RGB	51, 90, 83
RGB Percent	20%, 35%, 33%
CMY	0.8000, 0.6471, 0.6745
CMYK	0.43, 0.00, 0.08, 0.65
HSL	169°, 28%, 28%
HSV	169°, 43%, 35%
XYZ	6.5827, 8.6407, 9.5045
YIQ	77.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

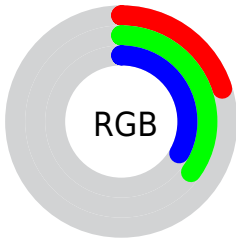
Format	Color
RYB	51, 72, 90
Decimal	3365459
CIELab	35.28, -15.71, -0.30
CIELCh	35, 15.717, 181.096
Yxy	8.6407, 0.2662, 0.3494
Android (android.graphics.Color)	4281555539 (0xFF335A53)
YUV	77.5410, 2.6913, -23.2765
Hunter-Lab	29.3950, -11.4679, 1.4059




Details

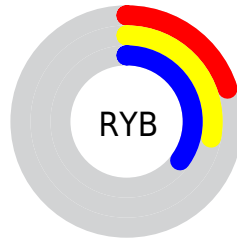
The Hex color **335A53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A333A**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **648C84**, and **022C26** is the 20% darker color. If you saturate the color by 10%, you get **2A5A51**, and if you desaturate by 10%, it is **3C5A55**.

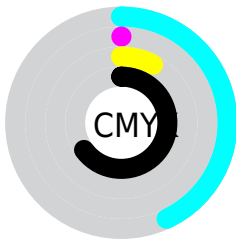
Distribution







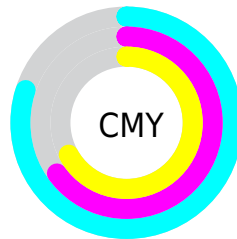
-  Red (20%)
-  Green (35%)
-  Blue (33%)






-  Red (20%)
-  Yellow (28%)
-  Blue (35%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (8%)
-  Black (65%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335A53 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 335A53 by changing the saturation by 10% instead.



335A53



335A53

FFFFFF



1B423C



648C84



022C26



7DA79E



001912



98C2B9



000000



B3DED5



CFFBF1



EBFFFF



335A53



335A53



2A5A51



3C5A55

■ 215A50

■ 455A56

■ 185A4E

■ 4E5A58

■ 0F5A4D

■ 575A59

■ 065A4B

■ 605A5B

■ 005A4A

■ 695A5D

■ 725A5E

■ 7B5A60

■ 845A62

Harmonies

Analogous

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



405946



335A53



2D5A5F

Triad

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



335A53



565068



664E3D

Complementary

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



335A53



5A333A

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.



6C4B47



335A53



644C5F

Square

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



335A53



44546C



6B4A53



5C523A

Rectangle

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



335A53



305866



6B4A53



694D40

Sweetspot

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



335A53



667573



3A5A33



313B39



BABABA



3B3B3B

Same Dimension

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



335A53



38756A



334E5A



292E2D



006E5A



00EDC3

Inverse Universe

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



5A333A



753843



5A3F33



2E292A



6E0014



ED002B

Previews

White Background



This preview shows how the Hex color 335A53 looks on a white background.

Color Contrast Check

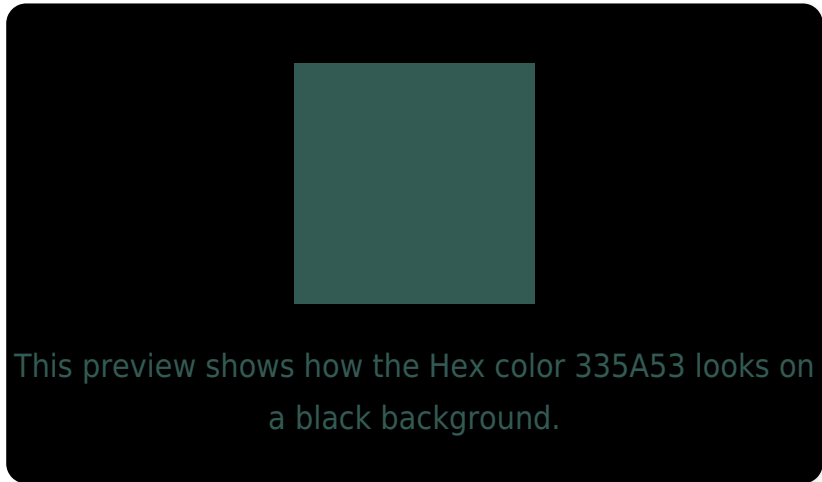
Large Text (above 18pt) WCAG AA ✓ Pass

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

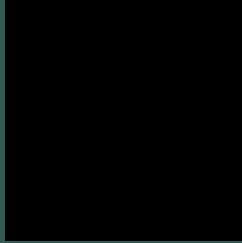
Any Text WCAG AA × Fail

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 335A53 Background



This preview shows how black text looks on a background with the Hex color 335A53.



This preview shows how white text looks on a background with the Hex color 335A53.

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
335A53

Protanopia
5524F

Deuteranopia
5A5055



Tritanopia
36585F

Trichromacy



Original Color
335A53

Protanomaly
495550

Deuteranomaly
4C5454

Tritanomaly
35595B

Monochromacy



Original Color
335A53

Achromatopsia
4E4E4E

Achromatomaly
445250

CSS Examples

Text

The CSS property to change the color of the text to Hex 335A53 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 #335A53 looks like.

```
.text, #text, p{  
    color:#335A53  
}
```

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 #335A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335A53
}
```

Border

The CSS property to change the border of an element to Hex 335A53 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
#335A53 }
```

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

```
.border{ border-color:#335A53 }
```

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

Here you see how a box with a 4 pixel #335A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335A53; -webkit-box-shadow:4px 4px  
4px 4px #335A53; box-shadow:4px 4px 4px  
4px #335A53 }
```

Background

The CSS property to change the background color of an element to Hex 335A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335A53 }
```

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

```
.background{ background-color:#335A53 }
```

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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