

Converting Colors

Hex(335A43)

Have a look what the booklet for
Hex(335A43) contains.

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Color

Hex(335A43)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 335A43 |
| RGB | 51, 90, 67 |
| RGB Percent | 20%, 35%, 26% |
| CMY | 0.8000, 0.6471, 0.7373 |
| CMYK | 0.43, 0.00, 0.26, 0.65 |
| HSL | 145°, 28%, 28% |
| HSV | 145°, 43%, 35% |
| XYZ | 6.0345, 8.4214, 6.6176 |
| YIQ | 75.7170, -15.8610, -15.4210 |

Conversions

Conversions Part 2

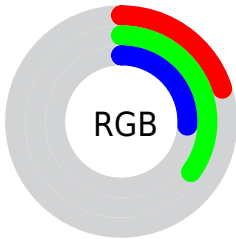
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 51, 79, 90 |
| Decimal | 3365443 |
| CIELab | 34.85, -19.69, 9.03 |
| CIELCh | 35, 21.666, 155.367 |
| Yxy | 8.4214, 0.2864, 0.3996 |
| Android (android.graphics.Color) | 4281555523 (0xFF335A43) |
| YUV | 75.7170, -4.2975, -21.6768 |
| Hunter-Lab | 29.0196, -13.6659, 6.7933 |




Details

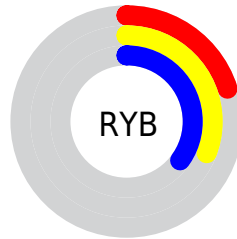
The Hex color **335A43** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A334A**, and the grayscale version is **4C4C4C**.


A 20% lighter version of the original color is **638C73**, and **032C18** is the 20% darker color. If you saturate the color by 10%, you get **2A5A3E**, and if you desaturate by 10%, it is **3C5A48**.

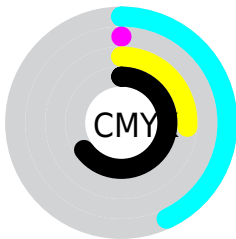
Distribution







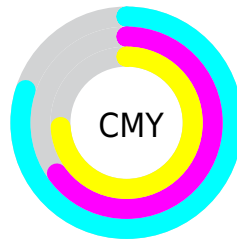
-  Red (20%)
-  Green (35%)
-  Blue (26%)






-  Red (20%)
-  Yellow (31%)
-  Blue (35%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (65%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335A43 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 335A43 by changing the saturation by 10% instead.



335A43



335A43

FFFFFF



1C422D



638C73



032C18



7DA78D



001900



97C2A7



000000



B2DEC2



CEFBDE



EAFFFB



335A43



335A43



2A5A3E



3C5A48

■ 215A38

■ 455A4E

■ 185A33

■ 4E5A53

■ 0F5A2E

■ 575A58

■ 065A28

■ 605A5E

■ 005A25

■ 695A63

■ 725A68

■ 7B5A6D

■ 845A73

Harmonies

Analogous

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



485735



335A43



1C5B55

Triad

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



335A43



3E5374



72473F

Complementary

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



335A43



5A334A

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.



73454F



335A43



584C6E

Square

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



335A43



215871



6A4761



694C33

Rectangle

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



335A43



0F5B60



6A4761



744644

Sweetspot

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



335A43



66756C



4A5A33



313B35



BABABA



3B3B3B

Same Dimension

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



335A43



387551



335A56



292E2B



006E2D



00ED61

Inverse Universe

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



5A334A



75385C



5A3337



2E292C



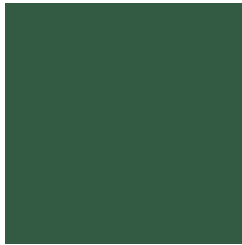
6E0041



ED008C

Previews

White Background



This preview shows how the Hex color 335A43 looks on a white background.

Color Contrast Check

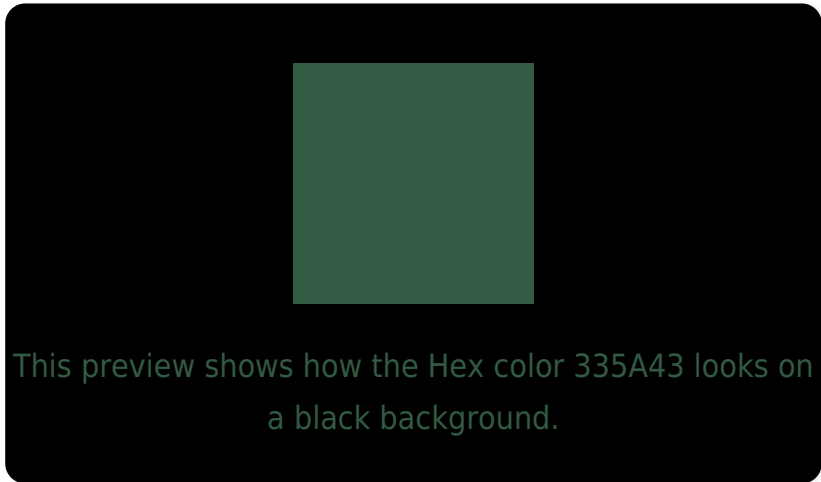
Large Text (above 18pt) WCAG AA ✓ Pass

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

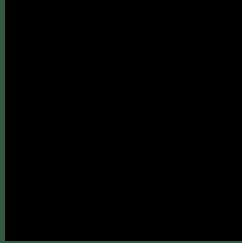
Any Text WCAG AA × Fail

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 335A43 Background



This preview shows how black text looks on a background with the Hex color 335A43.



This preview shows how white text looks on a background with the Hex color 335A43.

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
335A43

Protanopia
57523F

Deuteranopia
5E4F45

Trichromacy



Original Color
335A43

Protanomaly
4A5540

Deuteranomaly
4E5344

Tritanomaly
375854

Monochromacy



Original Color
335A43

Achromatopsia
4C4C4C

Achromatomaly
435149

CSS Examples

Text

The CSS property to change the color of the text to Hex 335A43 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 #335A43 looks like.

```
.text, #text, p{  
    color:#335A43  
}
```

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 #335A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335A43
}
```

Border

The CSS property to change the border of an element to Hex 335A43 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
#335A43 }
```

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

```
.border{ border-color:#335A43 }
```

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

Here you see how a box with a 4 pixel #335A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335A43; -webkit-box-shadow:4px 4px  
4px 4px #335A43; box-shadow:4px 4px 4px  
4px #335A43 }
```

Background

The CSS property to change the background color of an element to Hex 335A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335A43 }
```

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

```
.background{ background-color:#335A43 }
```

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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