

Converting Colors

Hex(335E5E)

Have a look what the booklet for
Hex(335E5E) contains.

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Color

Hex(335E5E)

Conversions

Conversions Part 1

Format	Color
Hex	335E5E
RGB	51, 94, 94
RGB Percent	20%, 37%, 37%
CMY	0.8000, 0.6314, 0.6314
CMYK	0.46, 0.00, 0.00, 0.63
HSL	180°, 30%, 28%
HSV	180°, 46%, 37%
XYZ	7.3883, 9.5174, 12.0373
YIQ	81.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

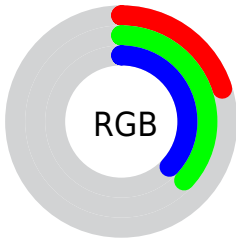
Format	Color
RYB	51, 73, 94
Decimal	3366494
CIELab	36.96, -14.89, -4.67
CIELCh	37, 15.611, 197.425
Yxy	9.5174, 0.2553, 0.3288
Android (android.graphics.Color)	4281556574 (0xFF335E5E)
YUV	81.1430, 6.3385, -26.4354
Hunter-Lab	30.8502, -11.2389, -1.5389

Details

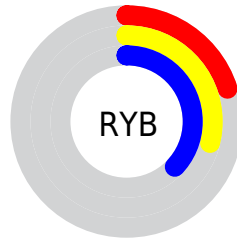
The Hex color **335E5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3333**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **659190**, and **003030** is the 20% darker color. If you saturate the color by 10%, you get **2A5E5E**, and if you desaturate by 10%, it is **3C5E5E**.

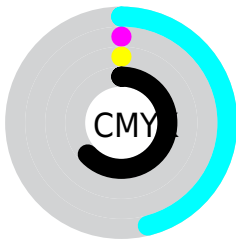
Distribution



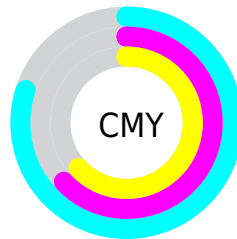
- Red (20%)
- Green (37%)
- Blue (37%)



- Red (20%)
- Yellow (29%)
- Blue (37%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335E5E 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 335E5E by changing the saturation by 10% instead.

335E5E

335E5E

FFFFFF

1A4646

659190

003030

7FABAB

001C1B

99C6C6

000000

B4E3E2

D0FFFF

EDFFFF

335E5E

335E5E

2A5E5E

3C5E5E

■ 205E5E

■ 465E5E

■ 175E5E

■ 4F5E5E

■ 0D5E5E

■ 595E5E

■ 045E5E

■ 625E5E

■ 005E5E

■ 6B5E5E

■ 755E5E

■ 7E5E5E

■ 885E5E

Harmonies

Analogous

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



3C5E51



335E5E



345D69

Triad

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



335E5E



625168



65543F

Complementary

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



335E5E



5E3333

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.



6E5045



335E5E



6D4E5D

Square

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



335E5E



52566F



714E50



59583F

Rectangle

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



335E5E



3B5B6E



714E50



685340

Sweetspot

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



335E5E



697A7A



335E33



333D3D



BDBDBD



3D3D3D

Same Dimension

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



335E5E



377A7A



33495E



292E2E



006E6E



00EDED

Inverse Universe

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



5E335E



7A377A



5E4933



2E292E



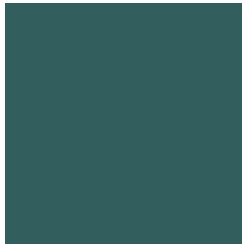
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 335E5E looks on a white background.

Color Contrast Check

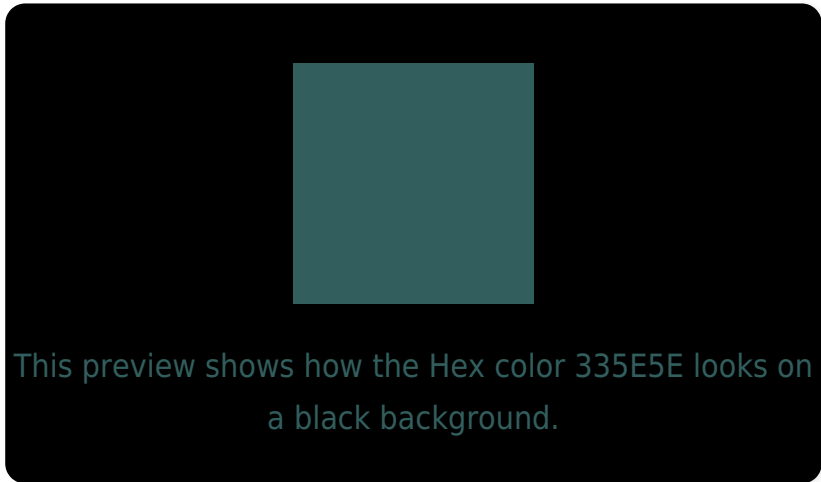
Large Text (above 18pt) WCAG AA ✓ Pass

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

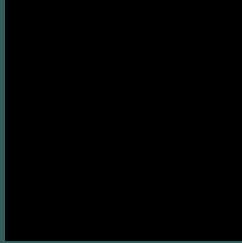
Any Text WCAG AA × Fail

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 335E5E Background



This preview shows how black text looks on a background with the Hex color 335E5E.

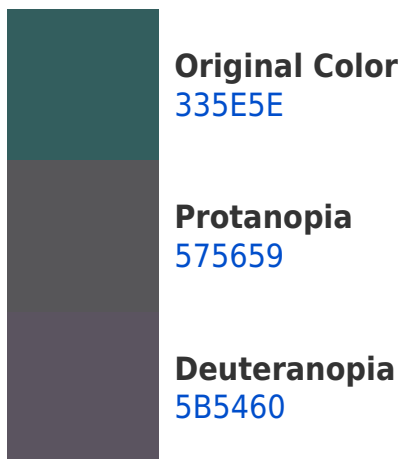



This preview shows how white text looks on a background with the Hex color 335E5E.

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](#).

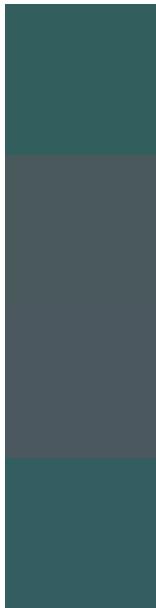
Dichromacy





Tritanopia
355D65

Trichromacy



Original Color
335E5E

Protanomaly
4A595B

Deuteranomaly
4C585F

Tritanomaly
345D62

Monochromacy



Original Color
335E5E

Achromatopsia
515151

Achromatomaly
465656

CSS Examples

Text

The CSS property to change the color of the text to Hex 335E5E 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 #335E5E looks like.

```
.text, #text, p{  
    color:#335E5E  
}
```

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 #335E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335E5E
}
```

Border

The CSS property to change the border of an element to Hex 335E5E 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
#335E5E }
```

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

```
.border{ border-color:#335E5E }
```

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

Here you see how a box with a 4 pixel #335E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335E5E; -webkit-box-shadow:4px 4px  
4px 4px #335E5E; box-shadow:4px 4px 4px  
4px #335E5E }
```

Background

The CSS property to change the background color of an element to Hex 335E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335E5E }
```

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

```
.background{ background-color:#335E5E }
```

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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