

Converting Colors

Hex(333E5B)

Have a look what the booklet for
Hex(333E5B) contains.

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Color

Hex(333E5B)

Conversions

Conversions Part 1

Format	Color
Hex	333E5B
RGB	51, 62, 91
RGB Percent	20%, 24%, 36%
CMY	0.8000, 0.7569, 0.6431
CMYK	0.44, 0.32, 0.00, 0.64
HSL	224°, 28%, 28%
HSV	224°, 44%, 36%
XYZ	4.9762, 4.9044, 10.5819
YIQ	62.0170, -15.8650, 6.6870

Conversions

Conversions Part 2

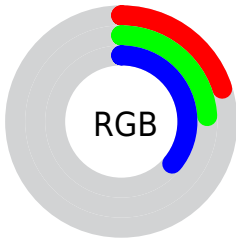
Format	Color
R_{YB}	51, 60, 91
Decimal	3358299
CIE _{Lab}	26.46, 4.03, -18.74
CIE _{LCh}	26, 19.173, 282.132
Yxy	4.9044, 0.2432, 0.2397
Android (android.graphics.Color)	4281548379 (0xFF333E5B)
YUV	62.0170, 14.2886, -9.6619
Hunter-Lab	22.1459, 1.3539, -12.8283

Details

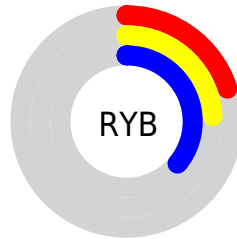
The Hex color **333E5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B5033**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **636D8D**, and **04142D** is the 20% darker color. If you saturate the color by 10%, you get **2A375B**, and if you desaturate by 10%, it is **3C455B**.

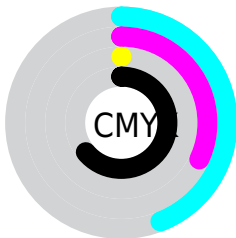
Distribution



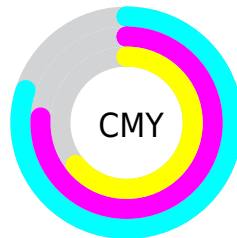
- Red (20%)
- Green (24%)
- Blue (36%)



- Red (20%)
- Yellow (24%)
- Blue (36%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333E5B 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 333E5B by changing the saturation by 10% instead.



333E5B



333E5B

FFFFFF



1C2843



636D8D



04142D



7D87A8



000118



97A1C3



000000



B2BCDF



CED7FC



EAF4FF



333E5B



333E5B



2A375B



3C455B

■ 21315B

■ 454B5B

■ 182A5B

■ 4E525B

■ 0F245B

■ 57585B

■ 061D5B

■ 615F5B

■ 00195B

■ 6A665B

■ 736C5B

■ 7C735B

■ 85795B

Harmonies

Analogous

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



19435A



333E5B



483954

Triad

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



333E5B



59362C



204635

Complementary

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



333E5B



5B5033

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.



324328



333E5B



503B23

Square

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



333E5B



5B3339



424022



084644

Rectangle

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



333E5B



52354C



424022



264530

Sweetspot

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



333E5B



666A75



335B50



31343B



BABABA



3B3B3B

Same Dimension

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



333E5B



374875



3C335B



292B2E



001E6E



0041ED

Inverse Universe

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



5B333E



753748



525B33



2E292B



6E001E



ED0041

Previews

White Background



This preview shows how the Hex color 333E5B looks on a white background.

Color Contrast Check

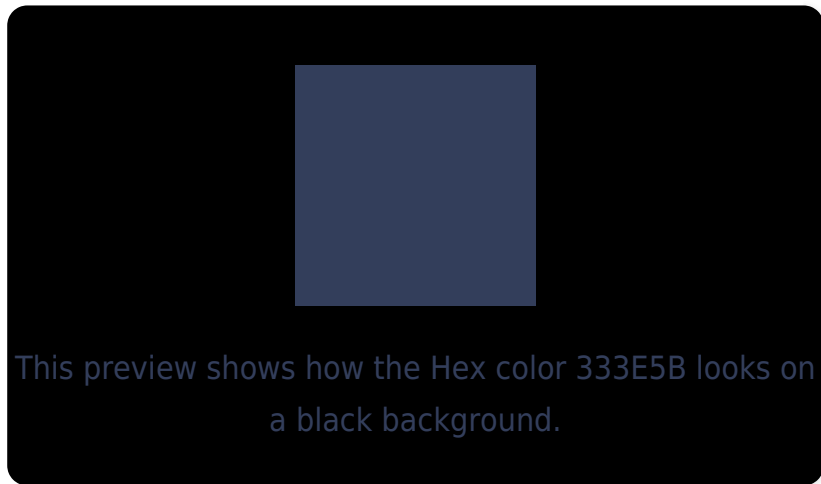
Large Text (above 18pt) WCAG AA ✓ Pass

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

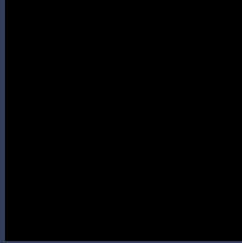
Any Text WCAG AA × Fail

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 333E5B Background



This preview shows how black text looks on a background with the Hex color 333E5B.

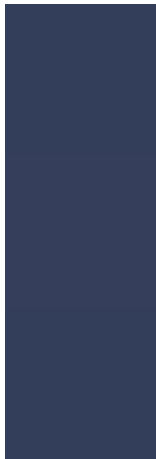


This preview shows how white text looks on a background with the Hex color 333E5B.

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
333E5B

Protanopia
353E5B

Deuteranopia
333E5B



Tritanopia
2E4247

Trichromacy



Original Color

333E5B

Protanomaly

343E5B

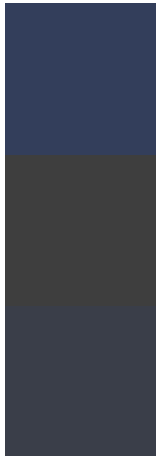
Deuteranomaly

333E5B

Tritanomaly

30414E

Monochromacy



Original Color

333E5B

Achromatopsia

3E3E3E

Achromatomaly

3A3E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 333E5B 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 #333E5B looks like.

```
.text, #text, p{  
    color:#333E5B  
}
```

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 #333E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333E5B
}
```

Border

The CSS property to change the border of an element to Hex 333E5B 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
#333E5B }
```

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

```
.border{ border-color:#333E5B }
```

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

Here you see how a box with a 4 pixel #333E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333E5B; -webkit-box-shadow:4px 4px  
4px 4px #333E5B; box-shadow:4px 4px 4px  
4px #333E5B }
```

Background

The CSS property to change the background color of an element to Hex 333E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333E5B }
```

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

```
.background{ background-color:#333E5B }
```

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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