

Converting Colors

Hex(333F39)

Have a look what the booklet for
Hex(333F39) contains.

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Color

Hex(333F39)

Conversions

Conversions Part 1

Format	Color
Hex	333F39
RGB	51, 63, 57
RGB Percent	20%, 25%, 22%
CMY	0.8000, 0.7529, 0.7765
CMYK	0.19, 0.00, 0.10, 0.75
HSL	150°, 11%, 22%
HSV	150°, 19%, 25%
XYZ	3.8813, 4.5542, 4.5454
YIQ	58.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

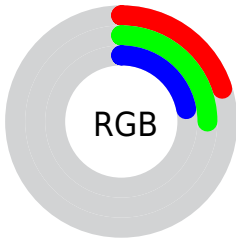
Format	Color
R_{YB}	51, 59, 63
Decimal	3358521
CIE _{Lab}	25.43, -6.38, 2.04
CIE _{LCh}	25, 6.696, 162.238
Yxy	4.5542, 0.2990, 0.3508
Android (android.graphics.Color)	4281548601 (0xFF333F39)
YUV	58.7280, -0.8519, -6.7775
Hunter-Lab	21.3406, -4.8819, 2.3102

Details

The Hex color **333F39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3339**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **616F68**, and **06150E** is the 20% darker color. If you saturate the color by 10%, you get **2D3F36**, and if you desaturate by 10%, it is **393F3C**.

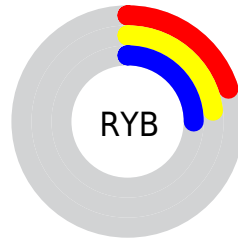
Distribution



Red (20%)

Green (25%)

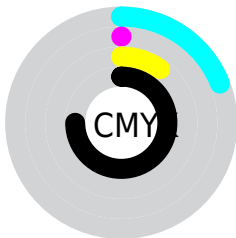
Blue (22%)



Red (20%)

Yellow (23%)

Blue (25%)

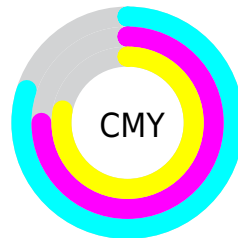


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333F39 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 333F39 by changing the saturation by 10% instead.

■ 333F39

■ 333F39

FFFFFF

■ 1E2924

■ 616F68

■ 06150E

■ 7A8881

■ 000000

■ 94A29B

■ AFBDB6

■ CAD9D1

■ E6F5EE

■ 333F39

■ 333F39

■ 2D3F36

■ 393F3C

■ 263F33

■ 403F3F

■ 203F30

■ 463F42

■ 1A3F2C

■ 4C3F46

■ 143F29

■ 533F49

■ 0D3F26

■ 593F4C

■ 073F23

■ 5F3F4F

■ 013F20

■ 653F52

■ 003F20

■ 6C3F55

Harmonies

Analogous

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



383E35



333F39



303F3E

Triad

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



333F39



393C46



463936

Complementary

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



333F39



3F3339

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.



47393A



333F39



403A44

Square

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



333F39



333E46



45393F



433B33

Rectangle

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



333F39



2F3F41



45393F



473937

Sweetspot

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



333F39



4D524F



393F33



262927



A8A8A8



292929

Same Dimension

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



333F39



3F5248



333F3F



1C1F1D



005E2F



00DE6F

Inverse Universe

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



3F3339



523F48



3F3333



1F1C1D



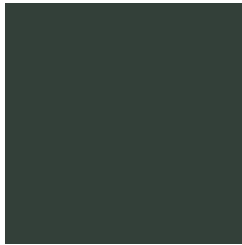
5E002F



DE006F

Previews

White Background



This preview shows how the Hex color 333F39 looks on a white background.

Color Contrast Check

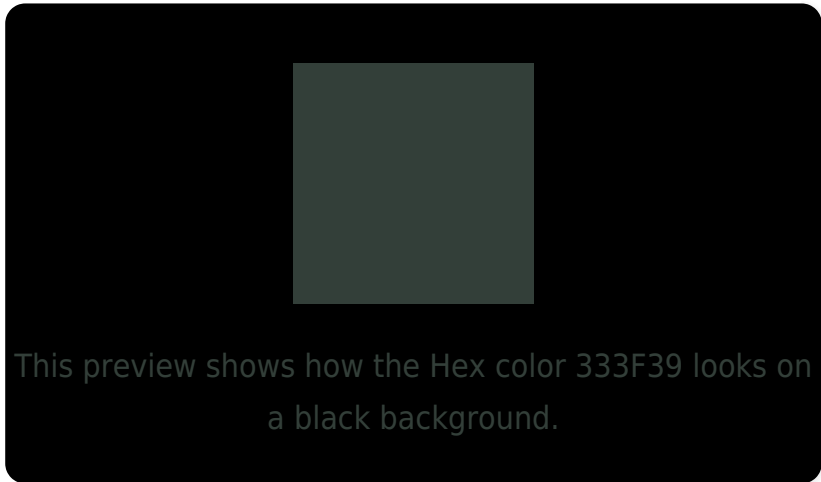
Large Text (above 18pt) WCAG AA ✓ Pass

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

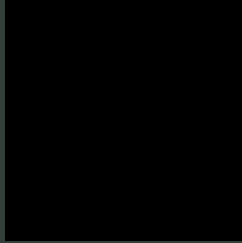
Any Text WCAG AA × Fail

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 333F39 Background



This preview shows how black text looks on a background with the Hex color 333F39.



This preview shows how white text looks on a background with the Hex color 333F39.

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](#).

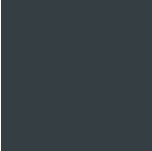
Dichromacy



Original Color
333F39

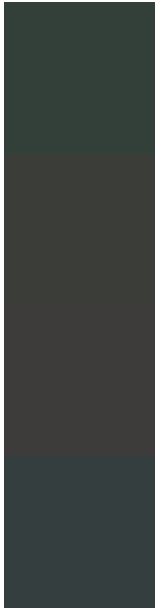
Protanopia
3E3C37

Deuteranopia
433A3A



Tritanopia
353E43

Trichromacy



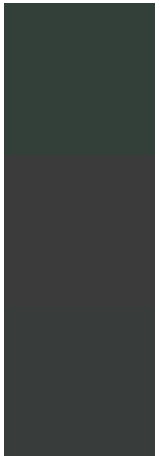
Original Color
333F39

Protanomaly
3A3D38

Deuteranomaly
3D3C3A

Tritanomaly
343E3F

Monochromacy



Original Color
333F39

Achromatopsia
3B3B3B

Achromatomaly
383C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 333F39 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 #333F39 looks like.

```
.text, #text, p{  
    color:#333F39  
}
```

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 #333F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333F39
}
```

Border

The CSS property to change the border of an element to Hex 333F39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

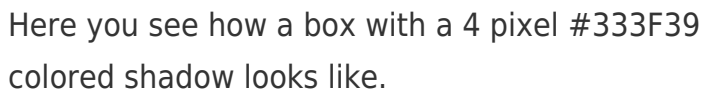
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333F39 }
```

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

```
.border{ border-color:#333F39 }
```

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



Here you see how a box with a 4 pixel #333F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333F39; -webkit-box-shadow:4px 4px  
4px 4px #333F39; box-shadow:4px 4px 4px  
4px #333F39 }
```

Background

The CSS property to change the background color of an element to Hex 333F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333F39 }
```

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

```
.background{ background-color:#333F39 }
```

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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