

# Converting Colors

Hex(333F44)

Have a look what the booklet for  
Hex(333F44) contains.

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# Color

**Hex(333F44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	333F44
RGB	51, 63, 68
RGB Percent	20%, 25%, 27%
CMY	0.8000, 0.7529, 0.7333
CMYK	0.25, 0.07, 0.00, 0.73
HSL	198°, 14%, 23%
HSV	198°, 25%, 27%
XYZ	4.1861, 4.6762, 6.1508
YIQ	59.9820, -8.7570, -0.9890

# Conversions

## Conversions Part 2

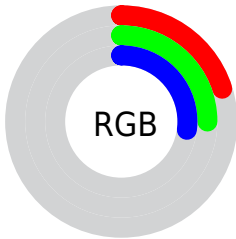
Format	Color
<b>R<sub>YB</sub></b>	51, 58, 68
Decimal	3358532
CIE Lab	25.79, -3.56, -4.69
CIE LCh	26, 5.885, 232.762
Yxy	4.6762, 0.2788, 0.3115
Android (android.graphics.Color)	4281548612 (0xFF333F44)
YUV	59.9820, 3.9529, -7.8772
Hunter-Lab	21.6245, -3.2882, -1.7271

# Details

The Hex color **333F44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443833**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **626F74**, and **061519** is the 20% darker color. If you saturate the color by 10%, you get **2C3D44**, and if you desaturate by 10%, it is **3A4144**.

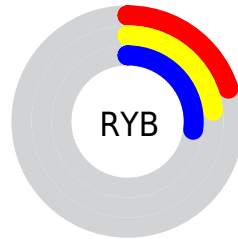
# Distribution



 Red (20%)

 Green (25%)

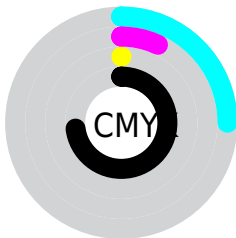
 Blue (27%)



 Red (20%)

 Yellow (23%)

 Blue (27%)

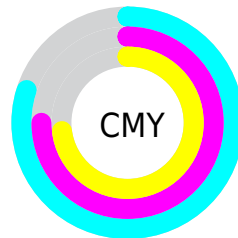


 Cyan (25%)

 Magenta (7%)

 Yellow (0%)

 Black (73%)



 Cyan (80%)

 Magenta (75%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 333F44 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 333F44 by changing the saturation by 10% instead.





333F44



333F44

FFFFFF



1E292E



626F74



061519



7B888E



000000



95A2A8



AFBDC3



CBD9DF



E7F5FC



333F44



333F44



2C3D44



3A4144

■ 253B44

■ 414344

■ 1F3944

■ 474544

■ 183744

■ 4E4744

■ 113544

■ 554944

■ 0A3344

■ 5C4B44

■ 033144

■ 634D44

■ 003044

■ 694F44

■ 705144

# Harmonies

## Analogous

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



324040



333F44



373E46

# Triad

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



333F44



463A3E



3D3E35

# Complementary

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



333F44



443833

# 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.



423C34



333F44



473A3A

# Square

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



333F44



423B43



453B36



383F38

# Rectangle

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



333F44



3B3D46



453B36



3F3D34



# Sweetspot

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



333F44



525759



334438



292D2E



ADADAD



2E2E2E



# Same Dimension

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



333F44



3E5159



333744



1E2021



004461



009EE0



# Inverse Universe

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



44333F



593E51



444033



211E20



610044

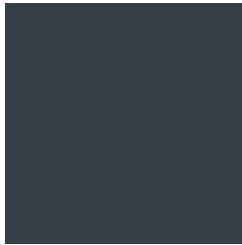


E0009E



# Previews

## White Background



This preview shows how the Hex color 333F44 looks on a white background.

## Color Contrast Check

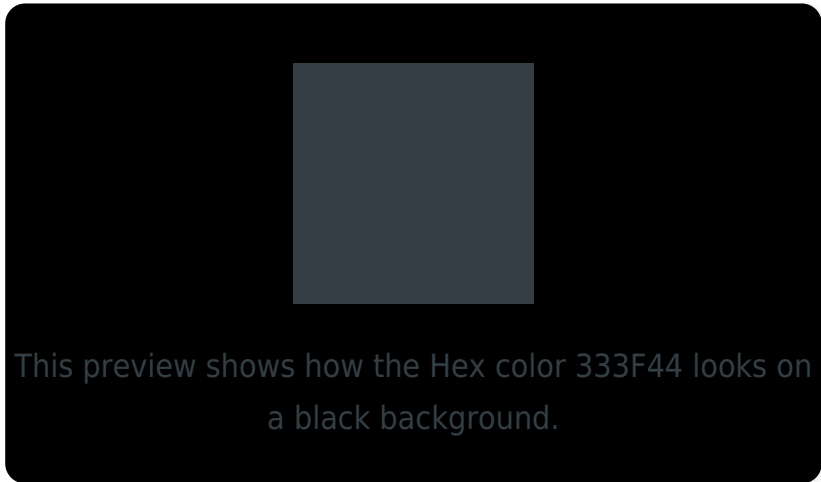
Large Text (above 18pt) WCAG AA ✓ Pass

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

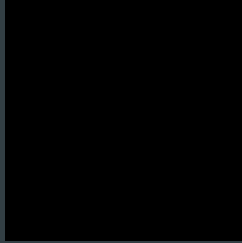
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

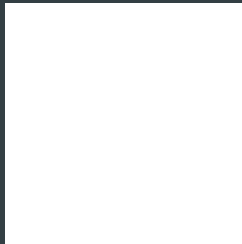
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 333F44 Background



This preview shows how black text looks on a background with the Hex color 333F44.



This preview shows how white text looks on a background with the Hex color 333F44.

# 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**

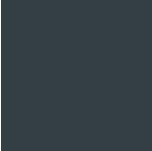
333F44

**Protanopia**

3C3D42

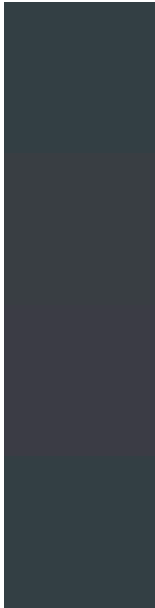
**Deuteranopia**

3F3B45



**Tritanopia**  
333F44

# Trichromacy



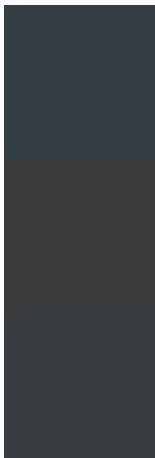
**Original Color**  
333F44

**Protanomaly**  
393E43

**Deuteranomaly**  
3B3C45

**Tritanomaly**  
333F44

# Monochromacy



**Original Color**  
333F44

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
393D3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 333F44 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 #333F44 looks like.

```
.text, #text, p{  
    color:#333F44  
}
```

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 #333F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333F44
}
```

## Border

The CSS property to change the border of an element to Hex 333F44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

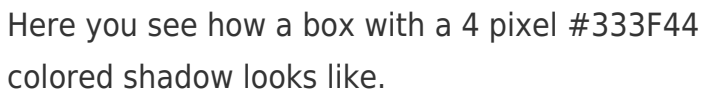
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333F44 }
```

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

```
.border{ border-color:#333F44 }
```

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



Here you see how a box with a 4 pixel #333F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333F44; -webkit-box-shadow:4px 4px  
4px 4px #333F44; box-shadow:4px 4px 4px  
4px #333F44 }
```

# Background

The CSS property to change the background color of an element to Hex 333F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333F44 }
```

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

```
.background{ background-color:#333F44 }
```

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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