

Converting Colors

Hex(333A3A)

Have a look what the booklet for
Hex(333A3A) contains.

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Color

Hex(333A3A)

Conversions

Conversions Part 1

Format	Color
Hex	333A3A
RGB	51, 58, 58
RGB Percent	20%, 23%, 23%
CMY	0.8000, 0.7725, 0.7725
CMYK	0.12, 0.00, 0.00, 0.77
HSL	180°, 6%, 21%
HSV	180°, 12%, 23%
XYZ	3.6420, 4.0354, 4.5899
YIQ	55.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

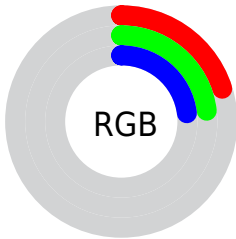
Format	Color
R_{YB}	51, 55, 58
Decimal	3357242
CIE Lab	23.79, -2.93, -1.01
CIE LCh	24, 3.102, 198.917
Yxy	4.0354, 0.2969, 0.3290
Android (android.graphics.Color)	4281547322 (0xFF333A3A)
YUV	55.9070, 1.0318, -4.3034
Hunter-Lab	20.0883, -2.7925, 0.5148

Details

The Hex color **333A3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3333**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **616969**, and **050F0F** is the 20% darker color. If you saturate the color by 10%, you get **2D3A3A**, and if you desaturate by 10%, it is **393A3A**.

Distribution



 Red (20%)

 Green (23%)

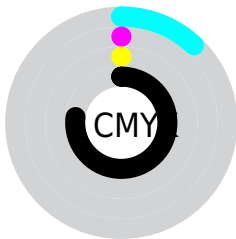
 Blue (23%)



 Red (20%)

 Yellow (22%)

 Blue (23%)

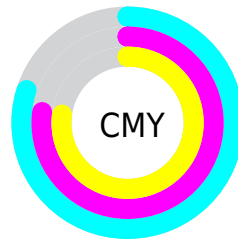



 Cyan (12%)

 Magenta (0%)

 Yellow (0%)

 Black (77%)



 Cyan (80%)

 Magenta (77%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333A3A 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 333A3A by changing the saturation by 10% instead.



333A3A



333A3A

FFFFFF



1E2424



616969



050F0F



7A8282



000000



949C9C



AFB7B7



CAD3D3



E6EFEF



333A3A



333A3A



2D3A3A



393A3A

■ 273A3A

■ 3F3A3A

■ 223A3A

■ 443A3A

■ 1C3A3A

■ 4A3A3A

■ 163A3A

■ 503A3A

■ 103A3A

■ 563A3A

■ 0A3A3A

■ 5C3A3A

■ 053A3A

■ 613A3A

■ 003A3A

■ 673A3A

Harmonies

Analogous

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



343A38



333A3A



333A3C

Triad

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



333A3A



3B383C



3B3834

Complementary

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



333A3A



3A3333

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.



3D3735



333A3A



3D373A

Square

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



333A3A



38383D



3E3737



393934

Rectangle

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



333A3A



35393D



3E3737



3C3834

Sweetspot

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



333A3A



494D4D



333A33



242626



A6A6A6



262626

Same Dimension

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



333A3A



424D4D



33373A



191C1C



005C5C



00DBDB

Inverse Universe

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



3A333A



4D424D



3A3733



1C191C



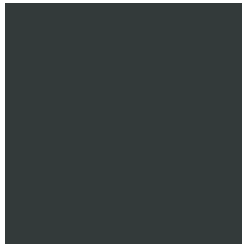
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 333A3A looks on a white background.

Color Contrast Check

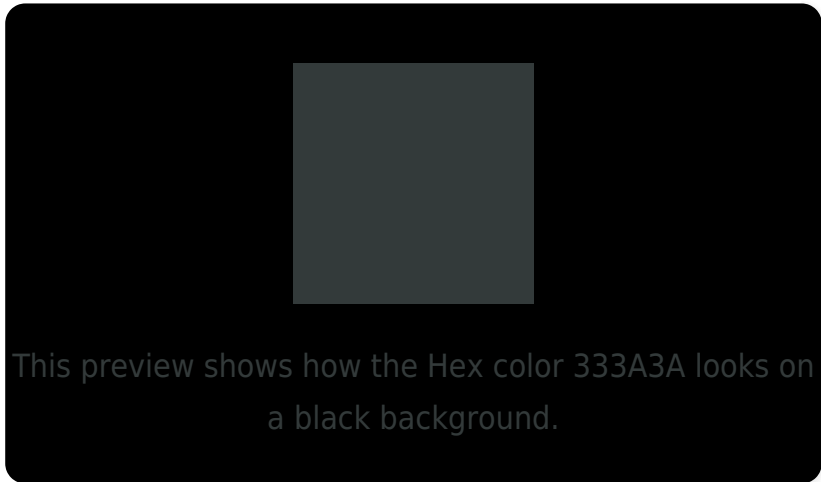
Large Text (above 18pt) WCAG AA ✓ Pass

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

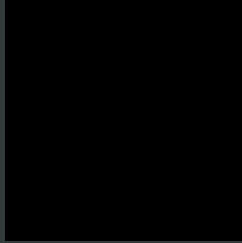
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

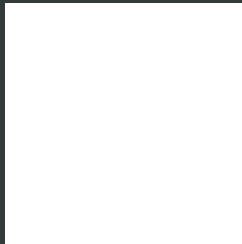
Any Text WCAG AAA × Fail

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

Hex 333A3A Background



This preview shows how black text looks on a background with the Hex color 333A3A.

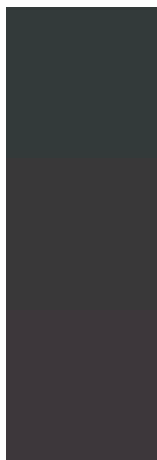


This preview shows how white text looks on a background with the Hex color 333A3A.

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

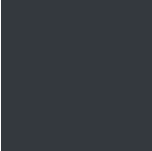
333A3A

Protanopia

393839

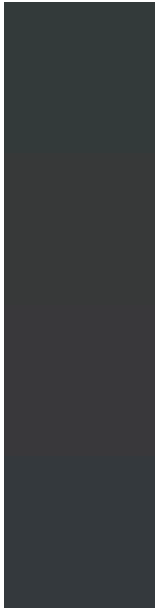
Deuteranopia

3D373B



Tritanopia
34393E

Trichromacy



Original Color

333A3A

Protanomaly

373939

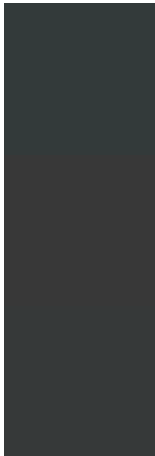
Deuteranomaly

39383B

Tritanomaly

34393D

Monochromacy



Original Color

333A3A

Achromatopsia

383838

Achromatomaly

363939

CSS Examples

Text

The CSS property to change the color of the text to Hex 333A3A 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 #333A3A looks like.

```
.text, #text, p{  
    color:#333A3A  
}
```

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 #333A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333A3A
}
```

Border

The CSS property to change the border of an element to Hex 333A3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

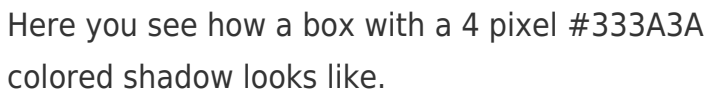
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333A3A }
```

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

```
.border{ border-color:#333A3A }
```

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



Here you see how a box with a 4 pixel #333A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333A3A; -webkit-box-shadow:4px 4px  
4px 4px #333A3A; box-shadow:4px 4px 4px  
4px #333A3A }
```

Background

The CSS property to change the background color of an element to Hex 333A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333A3A }
```

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

```
.background{ background-color:#333A3A }
```

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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