

Converting Colors

Hex(333A4C)

Have a look what the booklet for
Hex(333A4C) contains.

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Color

Hex(333A4C)

Conversions

Conversions Part 1

Format	Color
Hex	333A4C
RGB	51, 58, 76
RGB Percent	20%, 23%, 30%
CMY	0.8000, 0.7725, 0.7020
CMYK	0.33, 0.24, 0.00, 0.70
HSL	223°, 20%, 25%
HSV	223°, 33%, 30%
XYZ	4.1828, 4.2517, 7.4377
YIQ	57.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

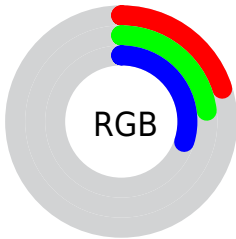
Format	Color
R_{YB}	51, 56, 76
Decimal	3357260
CIE Lab	24.49, 2.02, -11.95
CIE LCh	24, 12.121, 279.574
Yxy	4.2517, 0.2635, 0.2679
Android (android.graphics.Color)	4281547340 (0xFF333A4C)
YUV	57.9590, 8.8942, -6.1030
Hunter-Lab	20.6197, 0.1251, -6.9526

Details

The Hex color **333A4C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C4533**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **62697D**, and **070F20** is the 20% darker color. If you saturate the color by 10%, you get **2B354C**, and if you desaturate by 10%, it is **3B3F4C**.

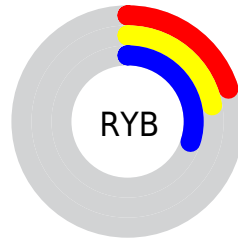
Distribution



Red (20%)

Green (23%)

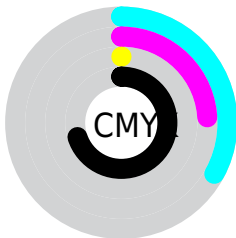
Blue (30%)



Red (20%)

Yellow (22%)

Blue (30%)

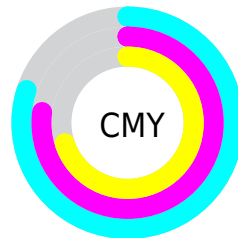


Cyan (33%)

Magenta (24%)

Yellow (0%)

Black (70%)



Cyan (80%)

Magenta (77%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333A4C 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 333A4C by changing the saturation by 10% instead.



333A4C



333A4C

FFFFFF



1D2535



62697D



070F20



7B8297



000006



959CB2



000000



B0B7CD



CBD3E9



E8EFFF



333A4C



333A4C



2B354C



3B3F4C

■ 242F4C

■ 42454C

■ 1C2A4C

■ 4A4A4C

■ 15244C

■ 51504C

■ 0D1F4C

■ 59554C

■ 05194C

■ 615B4C

■ 00154C

■ 68604C

■ 70664C

■ 776B4C

Harmonies

Analogous

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



273D4B



333A4C



3F3748

Triad

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



333A4C



4C352F



293F34

Complementary

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



333A4C



4C4533

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.



343D2C



333A4C



463729

Square

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



333A4C



4D3438



3E3B28



213F3D

Rectangle

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



333A4C



463544



3E3B28



2D3E31

Sweetspot

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



333A4C



5A5C63



334C45



2D2F33



B3B3B3



333333

Same Dimension

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



333A4C



3D4863



38334C



222326



001D66



0040E6

Inverse Universe

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



4C333A



633D48



474C33



262223



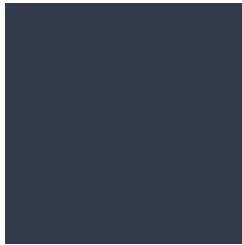
66001D



E60040

Previews

White Background



This preview shows how the Hex color 333A4C looks on a white background.

Color Contrast Check

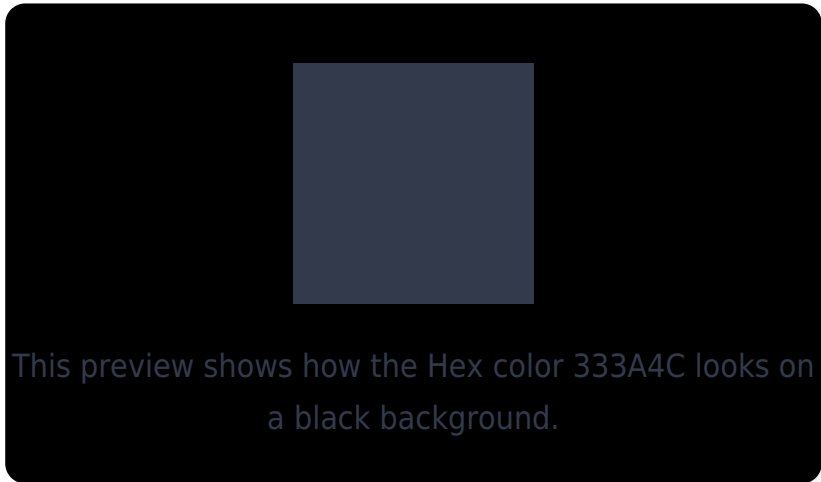
Large Text (above 18pt) WCAG AA ✓ Pass

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

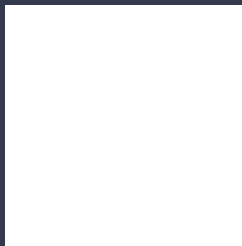
Any Text WCAG AAA × Fail

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

Hex 333A4C Background



This preview shows how black text looks on a background with the Hex color 333A4C.

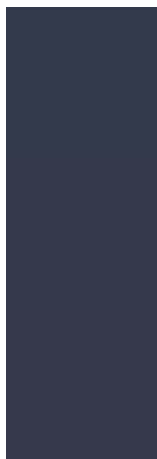


This preview shows how white text looks on a background with the Hex color 333A4C.

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
333A4C

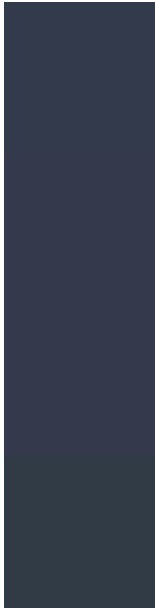
Protanopia
35394C

Deuteranopia
36394C



Tritanopia
303C41

Trichromacy



Original Color
333A4C

Protanomaly
34394C

Deuteranomaly
35394C

Tritanomaly
313B45

Monochromacy



Original Color
333A4C

Achromatopsia
3A3A3A

Achromatomaly
373A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 333A4C 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 #333A4C looks like.

```
.text, #text, p{  
    color:#333A4C  
}
```

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 #333A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333A4C
}
```

Border

The CSS property to change the border of an element to Hex 333A4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

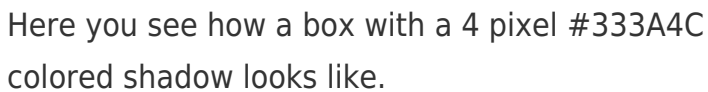
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333A4C }
```

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

```
.border{ border-color:#333A4C }
```

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



Here you see how a box with a 4 pixel #333A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333A4C; -webkit-box-shadow:4px 4px  
4px 4px #333A4C; box-shadow:4px 4px 4px  
4px #333A4C }
```

Background

The CSS property to change the background color of an element to Hex 333A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333A4C }
```

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

```
.background{ background-color:#333A4C }
```

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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