

Converting Colors

Hex(33453C)

Have a look what the booklet for
Hex(33453C) contains.

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Color

Hex(33453C)

Conversions

Conversions Part 1

Format	Color
Hex	33453C
RGB	51, 69, 60
RGB Percent	20%, 27%, 24%
CMY	0.8000, 0.7294, 0.7647
CMYK	0.26, 0.00, 0.13, 0.73
HSL	150°, 15%, 24%
HSV	150°, 26%, 27%
XYZ	4.3090, 5.2863, 5.0682
YIQ	62.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

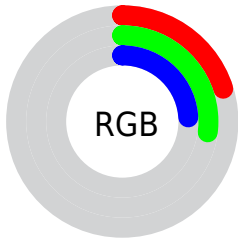
Format	Color
RYB	51, 63, 69
Decimal	3360060
CIELab	27.54, -9.37, 3.12
CIELCh	28, 9.872, 161.596
Yxy	5.2863, 0.2939, 0.3605
Android (android.graphics.Color)	4281550140 (0xFF33453C)
YUV	62.5920, -1.2779, -10.1662
Hunter-Lab	22.9919, -6.7828, 3.0248

Details

The Hex color **33453C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45333C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **62756B**, and **071A12** is the 20% darker color. If you saturate the color by 10%, you get **2C4539**, and if you desaturate by 10%, it is **3A453F**.

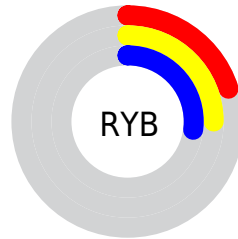
Distribution



Red (20%)

Green (27%)

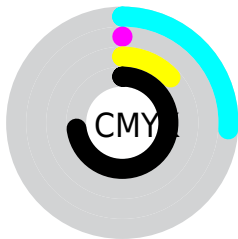
Blue (24%)



Red (20%)

Yellow (25%)

Blue (27%)

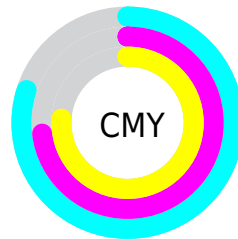


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33453C 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 33453C by changing the saturation by 10% instead.

■ 33453C

■ 33453C

FFFFFF

■ 1D2F26

■ 62756B

■ 071A12

■ 7B8F84

■ 000000

■ 95A99F

■ AFC5B9

■ CBE1D5

■ E7DFD2

■ 33453C

■ 33453C

■ 2C4539

■ 3A453F

■ 254535

■ 414543

■ 1E4532

■ 484546

■ 17452E

■ 4F454A

■ 11452B

■ 56454D

■ 0A4527

■ 5C4551

■ 034524

■ 634554

■ 004523

■ 6A4558

■ 71455B

Harmonies

Analogous

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



3B4436



33453C



2D4544

Triad

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



33453C



3C4150



503D37

Complementary

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



33453C



45333C

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.



513C3E



33453C



463E4C

Square

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



33453C



33434F



4D3C46



4B3F33

Rectangle

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



33453C



2C4549



4D3C46



513C39

Sweetspot

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



33453C



525956



3C4533



292E2C



ADADAD



2E2E2E

Same Dimension

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



33453C



3E594B



334545



202422



006332



00E371

Inverse Universe

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



45333C



593E4B



453333



242022



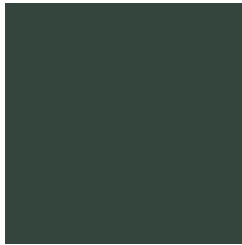
630032



E30071

Previews

White Background



This preview shows how the Hex color 33453C looks on a white background.

Color Contrast Check

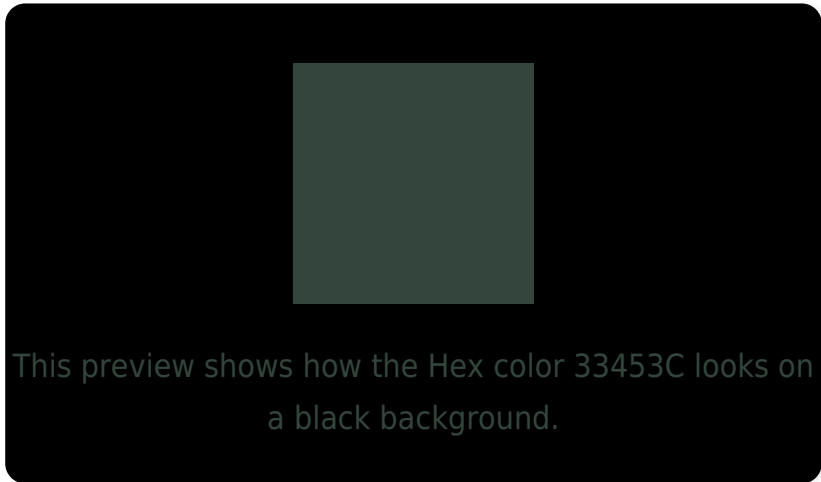
Large Text (above 18pt) WCAG AA ✓ Pass

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

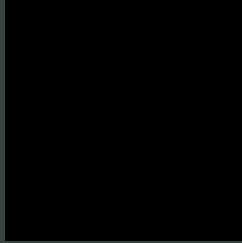
Any Text WCAG AA × Fail

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 33453C Background



This preview shows how black text looks on a background with the Hex color 33453C.



This preview shows how white text looks on a background with the Hex color 33453C.

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](#).

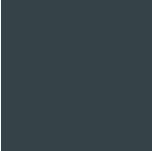
Dichromacy



Original Color
33453C

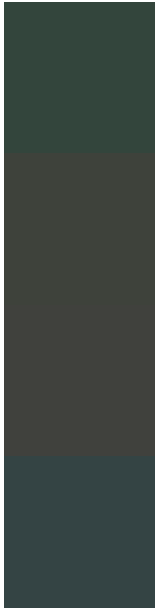
Protanopia
44413A

Deuteranopia
483F3D



Tritanopia
354349

Trichromacy



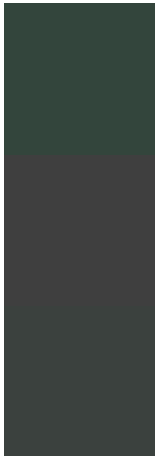
Original Color
33453C

Protanomaly
3E423B

Deuteranomaly
40413D

Tritanomaly
344444

Monochromacy



Original Color
33453C

Achromatopsia
3F3F3F

Achromatomaly
3B413E

CSS Examples

Text

The CSS property to change the color of the text to Hex 33453C 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 #33453C looks like.

```
.text, #text, p{  
    color:#33453C  
}
```

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 #33453C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33453C
}
```

Border

The CSS property to change the border of an element to Hex 33453C is called "border". The border property can be set on classes, ids or directly on the HTML element.

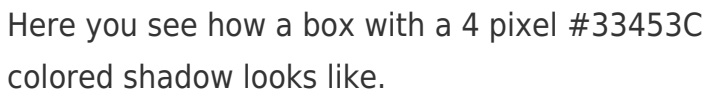
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33453C }
```

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

```
.border{ border-color:#33453C }
```

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



Here you see how a box with a 4 pixel #33453C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33453C; -webkit-box-shadow:4px 4px  
4px 4px #33453C; box-shadow:4px 4px 4px  
4px #33453C }
```

Background

The CSS property to change the background color of an element to Hex 33453C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33453C }
```

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

```
.background{ background-color:#33453C }
```

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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