

Converting Colors

Hex(333A30)

Have a look what the booklet for
Hex(333A30) contains.

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Color

Hex(333A30)

Conversions

Conversions Part 1

Format	Color
Hex	333A30
RGB	51, 58, 48
RGB Percent	20%, 23%, 19%
CMY	0.8000, 0.7725, 0.8118
CMYK	0.12, 0.00, 0.17, 0.77
HSL	102°, 9%, 21%
HSV	102°, 17%, 23%
XYZ	3.4118, 3.9433, 3.3776
YIQ	54.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

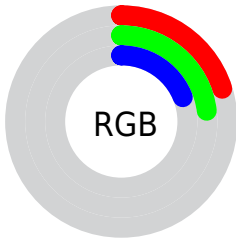
Format	Color
R_{YB}	48, 58, 55
Decimal	3357232
CIE _{Lab}	23.48, -5.25, 5.23
CIE _{LCh}	23, 7.412, 135.088
Yxy	3.9433, 0.3179, 0.3674
Android (android.graphics.Color)	4281547312 (0xFF333A30)
YUV	54.7670, -3.3361, -3.3037
Hunter-Lab	19.8578, -4.0828, 3.8158

Details

The Hex color **333A30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37303A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **61695E**, and **050F00** is the 20% darker color. If you saturate the color by 10%, you get **2F3A2A**, and if you desaturate by 10%, it is **373A36**.

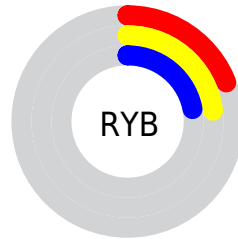
Distribution



Red (20%)

Green (23%)

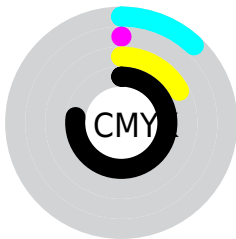
Blue (19%)



Red (19%)

Yellow (23%)

Blue (22%)

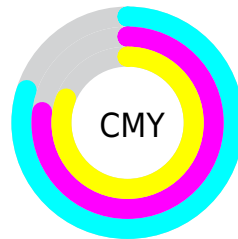


Cyan (12%)

Magenta (0%)

Yellow (17%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333A30 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 333A30 by changing the saturation by 10% instead.

■ 333A30

■ 333A30

FFFFFF

■ 1E241B

■ 61695E

■ 050F00

■ 7A8277

■ 000000

■ 949C90

■ AFB7AB

■ CAD3C6

■ E6EFE2

■ 333A30

■ 333A30

■ 2F3A2A

■ 373A36

■ 2B3A24

■ 3B3A3C

■ 273A1F

■ 3F3A41

■ 233A19

■ 433A47

■ 1F3A13

■ 473A4D

■ 1B3A0D

■ 4B3A53

■ 173A07

■ 4F3A59

■ 133A02

■ 533A5E

■ 113A00

■ 583A64

Harmonies

Analogous

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



39382D



333A30



2D3B35

Triad

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



333A30



2F3942



443435

Complementary

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



333A30



37303A

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.



41343B



333A30



353743

Square

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



333A30



2A3B40



3C3640



433530

Rectangle

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



333A30



2B3B39



3C3640



433437

Sweetspot

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



333A30



4A4D49



3A3730



252624



A6A6A6



262626

Same Dimension

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



333A30



414D3C



303A32



1A1C19



1C5C00



42DB00

Inverse Universe

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



37303A



483C4D



3A3038



1B191C



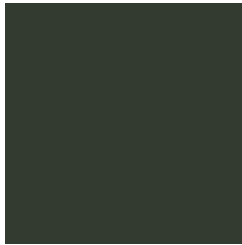
40005C



9A00DB

Previews

White Background



This preview shows how the Hex color 333A30 looks on a white background.

Color Contrast Check

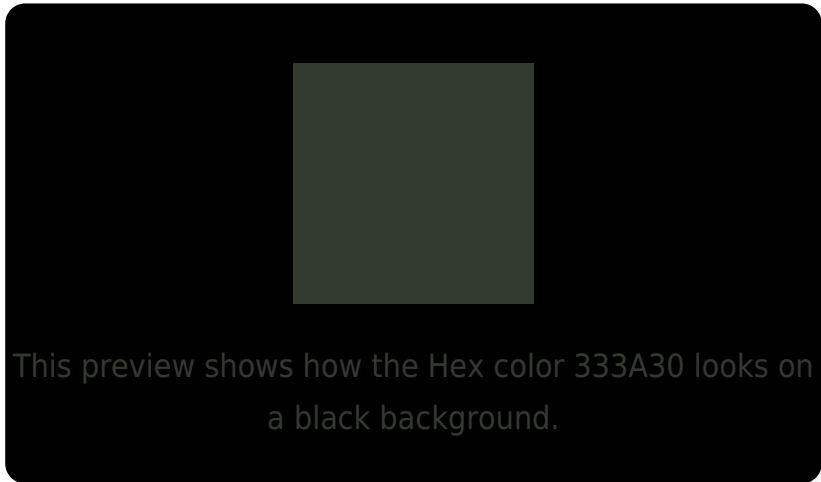
Large Text (above 18pt) WCAG AA ✓ Pass

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

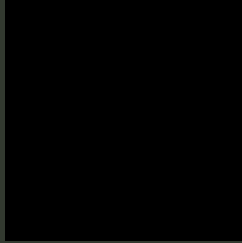
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

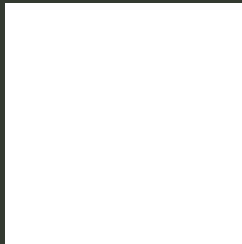
Any Text WCAG AAA × Fail

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

Hex 333A30 Background



This preview shows how black text looks on a background with the Hex color 333A30.

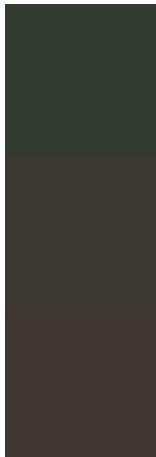


This preview shows how white text looks on a background with the Hex color 333A30.

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](#).

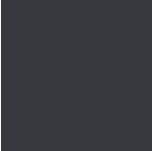
Dichromacy



Original Color
333A30

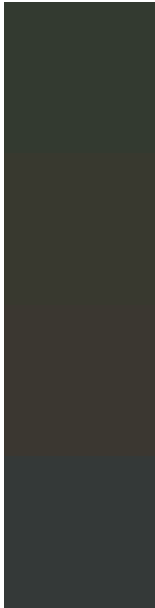
Protanopia
3B382F

Deuteranopia
403631



Tritanopia
35383D

Trichromacy



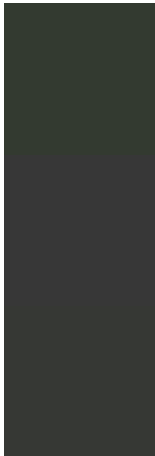
Original Color
333A30

Protanomaly
38392F

Deuteranomaly
3B3731

Tritanomaly
343938

Monochromacy



Original Color
333A30

Achromatopsia
373737

Achromatomaly
363834

CSS Examples

Text

The CSS property to change the color of the text to Hex 333A30 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 #333A30 looks like.

```
.text, #text, p{  
    color:#333A30  
}
```

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 #333A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333A30
}
```

Border

The CSS property to change the border of an element to Hex 333A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

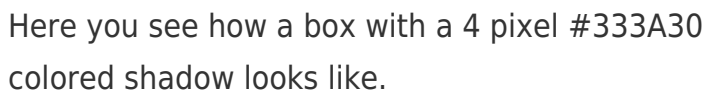
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333A30 }
```

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

```
.border{ border-color:#333A30 }
```

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



Here you see how a box with a 4 pixel `#333A30` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333A30; -webkit-box-shadow:4px 4px  
4px 4px #333A30; box-shadow:4px 4px 4px  
4px #333A30 }
```

Background

The CSS property to change the background color of an element to Hex 333A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333A30 }
```

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

```
.background{ background-color:#333A30 }
```

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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