

Converting Colors

Hex(333F30)

Have a look what the booklet for
Hex(333F30) contains.

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Color

Hex(333F30)

Conversions

Conversions Part 1

Format	Color
Hex	333F30
RGB	51, 63, 48
RGB Percent	20%, 25%, 19%
CMY	0.8000, 0.7529, 0.8118
CMYK	0.19, 0.00, 0.24, 0.75
HSL	108°, 14%, 22%
HSV	108°, 24%, 25%
XYZ	3.6762, 4.4722, 3.4658
YIQ	57.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

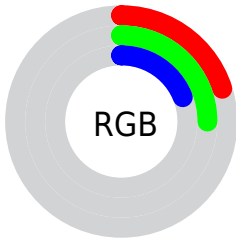
Format	Color
R_{YB}	48, 63, 60
Decimal	3358512
CIE Lab	25.17, -8.39, 7.61
CIE LCh	25, 11.322, 137.783
Yxy	4.4722, 0.3165, 0.3851
Android (android.graphics.Color)	4281548592 (0xFF333F30)
YUV	57.7020, -4.7831, -5.8777
Hunter-Lab	21.1476, -5.9784, 5.0866

Details

The Hex color **333F30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C303F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **626F5E**, and **061500** is the 20% darker color. If you saturate the color by 10%, you get **2E3F2A**, and if you desaturate by 10%, it is **383F36**.

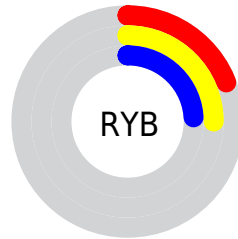
Distribution



Red (20%)

Green (25%)

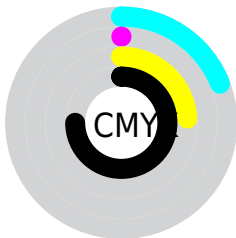
Blue (19%)



Red (19%)

Yellow (25%)

Blue (24%)

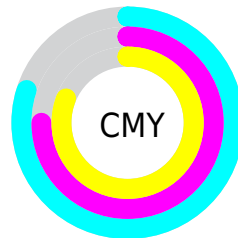


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333F30 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 333F30 by changing the saturation by 10% instead.



333F30



333F30

FFFFFF



1E291B



626F5E



061500



7A8877



000000



94A290



AFBDAB



CAD9C6



E6F6E2



333F30



333F30



2E3F2A



383F36

■ 293F23

■ 3D3F3D

■ 243F1D

■ 423F43

■ 1F3F17

■ 473F49

■ 1A3F10

■ 4C3F50

■ 153F0A

■ 513F56

■ 103F04

■ 563F5C

■ 0D3F00

■ 5B3F62

■ 603F69

Harmonies

Analogous

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



3D3D2B



333F30



2A4038

Triad

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



333F30



2D3E4C



4D3637

Complementary

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



333F30



3C303F

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.



4B3640



333F30



383B4C

Square

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



333F30



254048



433847



4B372F

Rectangle

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



333F30



25413E



433847



4D363A

Sweetspot

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



333F30



4D524C



3F3C30



262926



A8A8A8



292929

Same Dimension

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



333F30



3F523A



303F35



1C1F1C



135E00



2CDE00

Inverse Universe

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



3C303F



4D3A52



3F303B



1E1C1F



4B005E



B100DE

Previews

White Background



This preview shows how the Hex color 333F30 looks on a white background.

Color Contrast Check

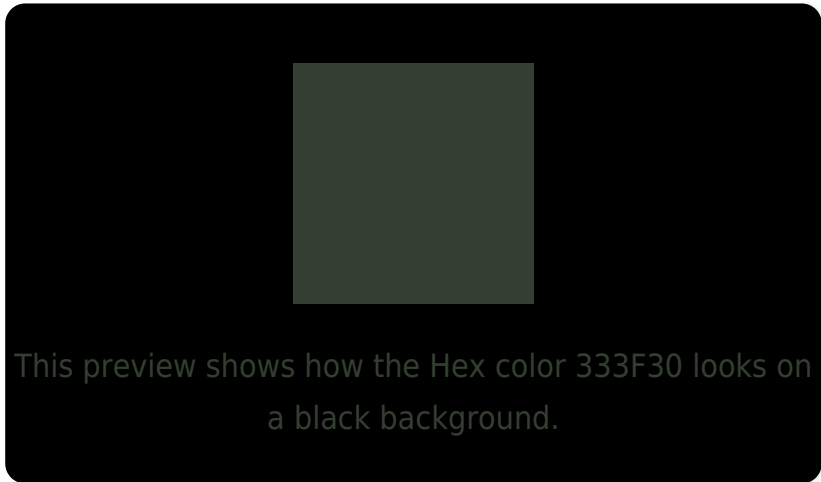
Large Text (above 18pt) WCAG AA ✓ Pass

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

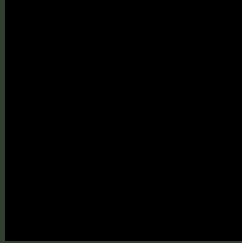
Any Text WCAG AA × Fail

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 333F30 Background



This preview shows how black text looks on a background with the Hex color 333F30.

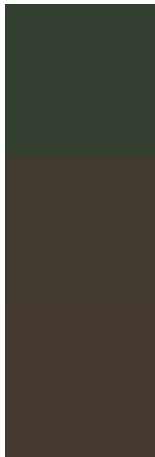


This preview shows how white text looks on a background with the Hex color 333F30.

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
333F30

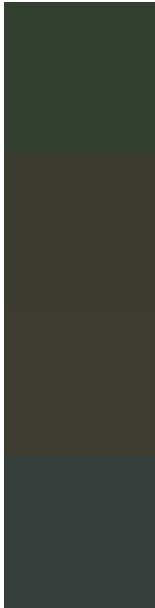
Protanopia
403B2E

Deuteranopia
453931



Tritanopia
363D41

Trichromacy



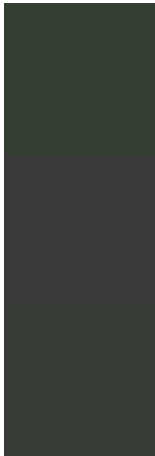
Original Color
333F30

Protanomaly
3B3C2F

Deuteranomaly
3E3B31

Tritanomaly
353E3B

Monochromacy



Original Color
333F30

Achromatopsia
3A3A3A

Achromatomaly
373C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 333F30 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 #333F30 looks like.

```
.text, #text, p{  
    color:#333F30  
}
```

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 #333F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333F30
}
```

Border

The CSS property to change the border of an element to Hex 333F30 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
#333F30 }
```

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

```
.border{ border-color:#333F30 }
```

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

Here you see how a box with a 4 pixel #333F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333F30; -webkit-box-shadow:4px 4px  
4px 4px #333F30; box-shadow:4px 4px 4px  
4px #333F30 }
```

Background

The CSS property to change the background color of an element to Hex 333F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333F30 }
```

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

```
.background{ background-color:#333F30 }
```

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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