

Converting Colors

Hex(33330F)

Have a look what the booklet for
Hex(33330F) contains.

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Color

Hex(33330F)

Conversions

Conversions Part 1

Format	Color
Hex	33330F
RGB	51, 51, 15
RGB Percent	20%, 20%, 6%
CMY	0.8000, 0.8000, 0.9412
CMYK	0.00, 0.00, 0.71, 0.80
HSL	60°, 55%, 13%
HSV	60°, 71%, 20%
XYZ	2.6353, 3.1059, 0.9126
YIQ	46.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

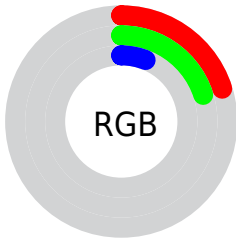
Format	Color
R_{YB}	15, 51, 15
Decimal	3355407
CIE _{Lab}	20.46, -5.84, 22.23
CIE _{LCh}	20, 22.982, 104.712
Yxy	3.1059, 0.3961, 0.4668
Android (android.graphics.Color)	4281545487 (0xFF33330F)
YUV	46.8960, -15.7247, 3.5992
Hunter-Lab	17.6237, -4.1502, 9.2666

Details

The Hex color **33330F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F0F33**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **63613B**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **33330A**, and if you desaturate by 10%, it is **333314**.

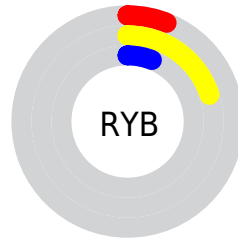
Distribution



Red (20%)

Green (20%)

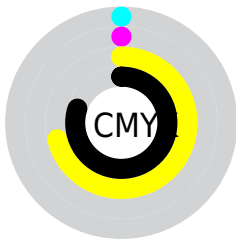
Blue (6%)



Red (6%)

Yellow (20%)

Blue (6%)

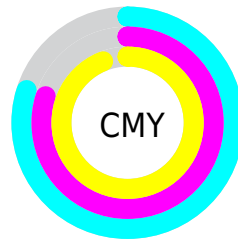


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33330F 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 33330F by changing the saturation by 10% instead.



33330F



33330F



FFFFFF1



1E1E00



63613B



000300



7C7A52



000000



96946A



B1AE84



CDCA9E



E9E6B9



FFFFD5



33330F



33330F

■ 33330A

■ 333314

■ 333305

■ 333319

■ 333300

■ 33331E

■ 333323

■ 333329

■ 33332E

■ 333333

■ 333338

■ 33333D

Harmonies

Analogous

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



422D10



33330F



203718

Triad

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



33330F



003949



4C243B

Complementary

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



33330F



0F0F33

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.



3D2A49



33330F



003652

Square

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



33330F



003A39



233052



51232A

Rectangle

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



33330F



0F3922



233052



482540

Sweetspot

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



33330F



424234



330F0F



212119



A1A1A1



212121

Same Dimension

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



33330F



42420A



21330F



1A1A17



595900



D9D900

Inverse Universe

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



0F0F33



0A0A42



210F33



17171A



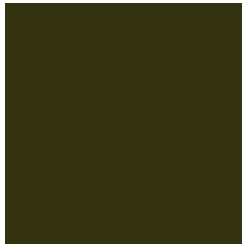
000059



0000D9

Previews

White Background



This preview shows how the Hex color 33330F looks on a white background.

Color Contrast Check

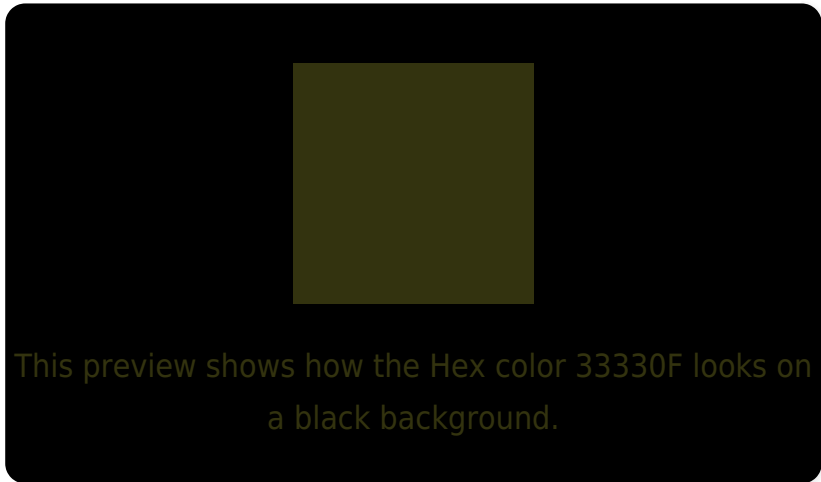
Large Text (above 18pt) WCAG AA ✓ Pass

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

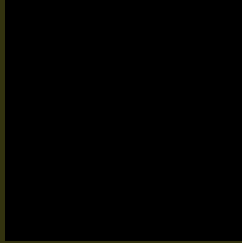
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

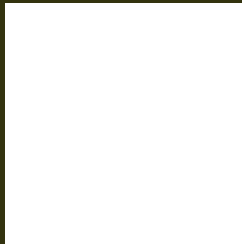
Any Text WCAG AAA × Fail

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

Hex 33330F Background



This preview shows how black text looks on a background with the Hex color 33330F.

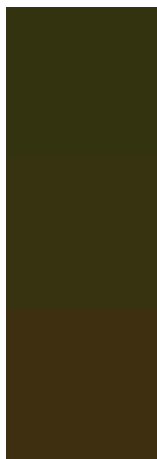


This preview shows how white text looks on a background with the Hex color 33330F.

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](#).

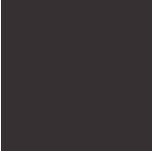
Dichromacy



Original Color
33330F

Protanopia
37320F

Deuteranopia
3E2F11



Tritanopia
363033

Trichromacy



Original Color
33330F

Protanomaly
36320F

Deuteranomaly
3A3010

Tritanomaly
353126

Monochromacy



Original Color
33330F

Achromatopsia
2F2F2F

Achromatomaly
303023

CSS Examples

Text

The CSS property to change the color of the text to Hex 33330F 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 #33330F looks like.

```
.text, #text, p{  
    color:#33330F  
}
```

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 #33330F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33330F
}
```

Border

The CSS property to change the border of an element to Hex 33330F is called "border". The border property can be set on classes, ids or directly on the HTML element.

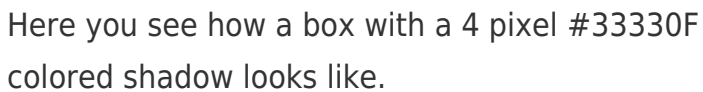
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33330F }
```

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

```
.border{ border-color:#33330F }
```

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



Here you see how a box with a 4 pixel #33330F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33330F; -webkit-box-shadow:4px 4px  
4px 4px #33330F; box-shadow:4px 4px 4px  
4px #33330F }
```

Background

The CSS property to change the background color of an element to Hex 33330F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33330F }
```

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

```
.background{ background-color:#33330F }
```

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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