

Converting Colors

Hex(33331F)

Have a look what the booklet for
Hex(33331F) contains.

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Color

Hex(33331F)

Conversions

Conversions Part 1

Format	Color
Hex	33331F
RGB	51, 51, 31
RGB Percent	20%, 20%, 12%
CMY	0.8000, 0.8000, 0.8784
CMYK	0.00, 0.00, 0.39, 0.80
HSL	60°, 24%, 16%
HSV	60°, 39%, 20%
XYZ	2.7964, 3.1704, 1.7609
YIQ	48.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

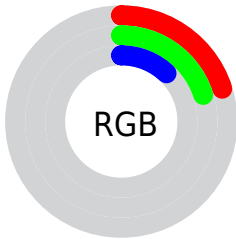
Format	Color
R_{YB}	31, 51, 31
Decimal	3355423
CIE Lab	20.71, -3.89, 12.72
CIE LCh	21, 13.305, 107.014
Yxy	3.1704, 0.3619, 0.4103
Android (android.graphics.Color)	4281545503 (0xFF33331F)
YUV	48.7200, -8.7360, 1.9996
Hunter-Lab	17.8056, -3.1261, 6.6004

Details

The Hex color **33331F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F1F33**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **62614B**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **33331A**, and if you desaturate by 10%, it is **333324**.

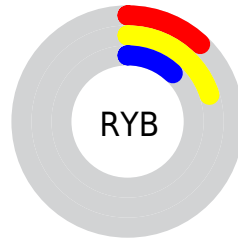
Distribution



Red (20%)

Green (20%)

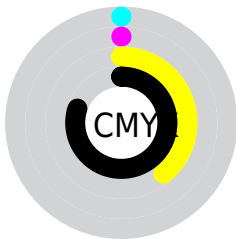
Blue (12%)



Red (12%)

Yellow (20%)

Blue (12%)

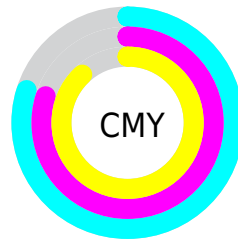


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33331F 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 33331F by changing the saturation by 10% instead.



33331F



33331F

FFFFFF



1E1E08



62614B



000500



7B7A63



000000



95947C



AFAE96



CBCAB1



E7E6CC



FFFFE8



33331F



33331F

■ 33331A

■ 333324

■ 333315

■ 333329

■ 333310

■ 33332E

■ 33330B

■ 333333

■ 333305

■ 333339

■ 333300

■ 33333E

■ 333343

■ 333348

■ 33334D

Harmonies

Analogous

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



3C301F



33331F



283524

Triad

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



33331F



133640



422B37

Complementary

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



33331F



1F1F33

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.



3A2D3F



33331F



1F3445

Square

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



33331F



133737



2D3144



452B2D

Rectangle

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



33331F



20372A



2D3144



402C3A

Sweetspot

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



33331F



42423A



331F1F



21211D



A1A1A1



212121

Same Dimension

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



33331F



424223



29331F



1A1A17



595900



D9D900

Inverse Universe

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



1F1F33



232342



291F33



17171A



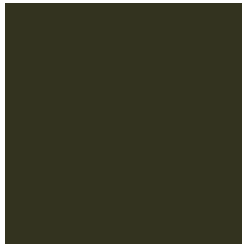
000059



0000D9

Previews

White Background



This preview shows how the Hex color 33331F looks on a white background.

Color Contrast Check

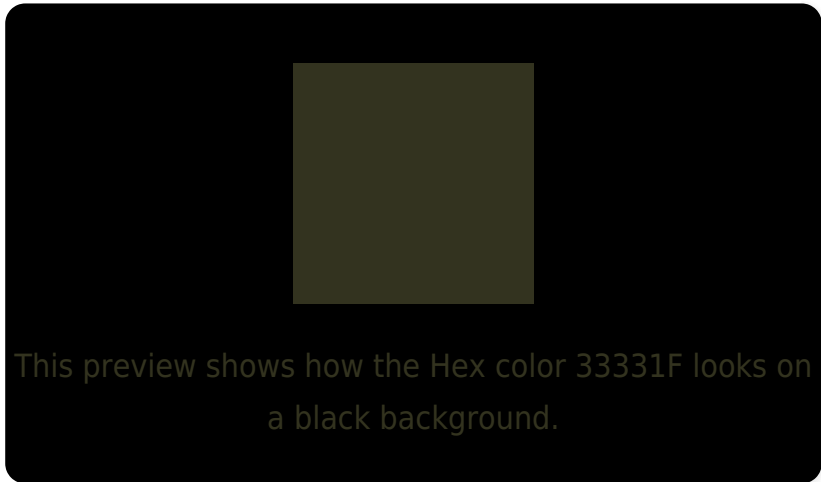
Large Text (above 18pt) WCAG AA ✓ Pass

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

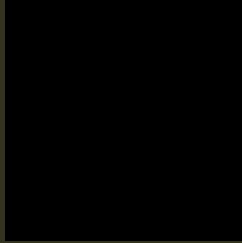
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

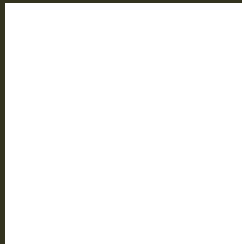
Any Text WCAG AAA × Fail

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

Hex 33331F Background



This preview shows how black text looks on a background with the Hex color 33331F.

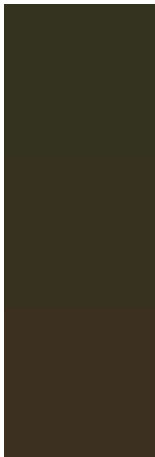


This preview shows how white text looks on a background with the Hex color 33331F.

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
33331F

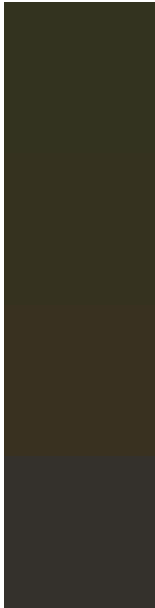
Protanopia
36321F

Deuteranopia
3C3020



Tritanopia
353034

Trichromacy



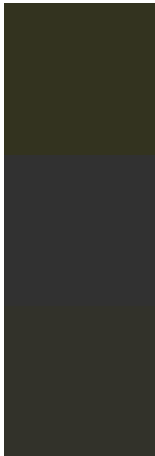
Original Color
33331F

Protanomaly
35321F

Deuteranomaly
393120

Tritanomaly
34312C

Monochromacy



Original Color
33331F

Achromatopsia
313131

Achromatomaly
32322A

CSS Examples

Text

The CSS property to change the color of the text to Hex 33331F 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 #33331F looks like.

```
.text, #text, p{  
    color:#33331F  
}
```

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 #33331F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33331F
}
```

Border

The CSS property to change the border of an element to Hex 33331F is called "border". The border property can be set on classes, ids or directly on the HTML element.

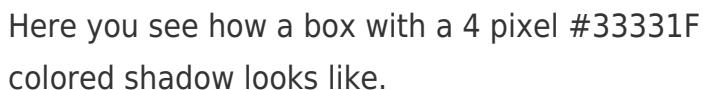
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33331F }
```

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

```
.border{ border-color:#33331F }
```

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



Here you see how a box with a 4 pixel #33331F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33331F; -webkit-box-shadow:4px 4px  
4px 4px #33331F; box-shadow:4px 4px 4px  
4px #33331F }
```

Background

The CSS property to change the background color of an element to Hex 33331F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33331F }
```

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

```
.background{ background-color:#33331F }
```

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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