

Converting Colors

Hex(331F30)

Have a look what the booklet for
Hex(331F30) contains.

Hex(331F30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(331F30)

Conversions

Conversions Part 1

Format	Color
Hex	331F30
RGB	51, 31, 48
RGB Percent	20%, 12%, 19%
CMY	0.8000, 0.8784, 0.8118
CMYK	0.00, 0.39, 0.06, 0.80
HSL	309°, 24%, 16%
HSV	309°, 39%, 20%
XYZ	2.3887, 1.8972, 3.0366
YIQ	38.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

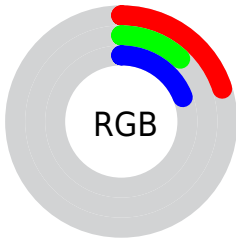
Format	Color
R_{YB}	51, 31, 48
Decimal	3350320
CIE Lab	14.94, 13.10, -7.31
CIE LCh	15, 15.005, 330.846
Yxy	1.8972, 0.3262, 0.2591
Android (android.graphics.Color)	4281540400 (0xFF331F30)
YUV	38.9180, 4.4774, 10.5959
Hunter-Lab	13.7738, 6.8522, -3.4295

Details

The Hex color **331F30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F3322**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **624B5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **331A2F**, and if you desaturate by 10%, it is **332431**.

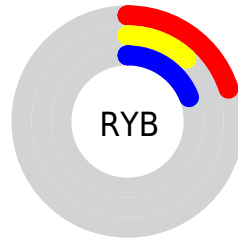
Distribution



Red (20%)

Green (12%)

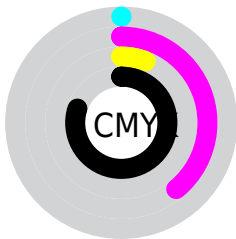
Blue (19%)



Red (20%)

Yellow (12%)

Blue (19%)

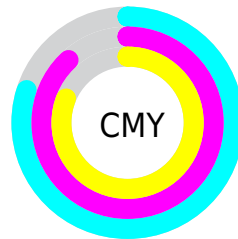


Cyan (0%)

Magenta (39%)

Yellow (6%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331F30 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 331F30 by changing the saturation by 10% instead.

■ 331F30

■ 331F30

FFFFFF

■ 1E091B

■ 624B5E

■ 000000

■ 7B6377

■ 957C90

■ B096AB

■ CBB1C6

■ E7CCE2

■ FFE9FF

■ 331F30

■ 331F30

■ 331A2F

■ 332431

■ 33152E

■ 332932

■ 33102E

■ 332E32

■ 330B2D

■ 333333

■ 33052C

■ 333934

■ 33002B

■ 333E35

■ 334335

■ 334836

■ 334D37

Harmonies

Analogous

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



272338



331F30



391D26

Triad

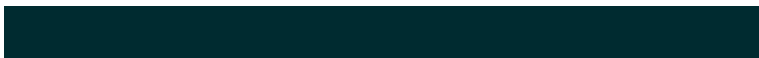
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



331F30



2C2510



002B30

Complementary

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



331F30



1F3322

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.



042B26



331F30



212813

Square

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



331F30



352113



142A1B



012938

Rectangle

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



331F30



3A1D1F



142A1B



002B2D

Sweetspot

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



331F30



423A41



221F33



211D20



A1A1A1



212121

Same Dimension

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



331F30



42233E



331F26



1A1719



59004C



D900B8

Inverse Universe

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



331F30



42233E



1F332C



1A1719



59004C



D900B8

Previews

White Background



This preview shows how the Hex color 331F30 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

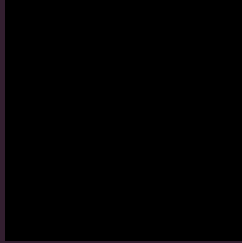
Any Text WCAG AA × Fail

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 331F30 Background



This preview shows how black text looks on a background with the Hex color 331F30.



This preview shows how white text looks on a background with the Hex color 331F30.

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
331F30

Protanopia
212535

Deuteranopia
25252F



Tritanopia
322124

Trichromacy



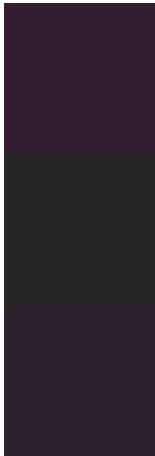
Original Color
331F30

Protanomaly
282333

Deuteranomaly
2A232F

Tritanomaly
322028

Monochromacy



Original Color
331F30

Achromatopsia
272727

Achromatomaly
2B242A

CSS Examples

Text

The CSS property to change the color of the text to Hex 331F30 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 #331F30 looks like.

```
.text, #text, p{  
    color:#331F30  
}
```

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 #331F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331F30
}
```

Border

The CSS property to change the border of an element to Hex 331F30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

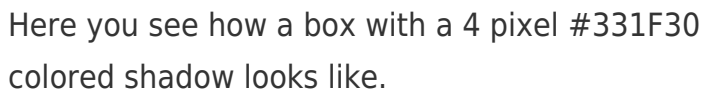
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#331F30 }
```

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

```
.border{ border-color:#331F30 }
```

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



Here you see how a box with a 4 pixel #331F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331F30; -webkit-box-shadow:4px 4px  
4px 4px #331F30; box-shadow:4px 4px 4px  
4px #331F30 }
```

Background

The CSS property to change the background color of an element to Hex 331F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331F30 }
```

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

```
.background{ background-color:#331F30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor