

Converting Colors

Hex(33190F)

Have a look what the booklet for
Hex(33190F) contains.

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Color

Hex(33190F)

Conversions

Conversions Part 1

Format	Color
Hex	33190F
RGB	51, 25, 15
RGB Percent	20%, 10%, 6%
CMY	0.8000, 0.9020, 0.9412
CMYK	0.00, 0.51, 0.71, 0.80
HSL	17°, 55%, 13%
HSV	17°, 71%, 20%
XYZ	1.7991, 1.4336, 0.6338
YIQ	31.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

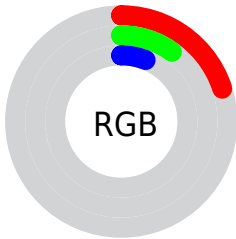
Format	Color
RYB	51, 29, 15
Decimal	3348751
CIELab	12.18, 11.79, 11.93
CIElCh	12, 16.775, 45.345
Yxy	1.4336, 0.4653, 0.3708
Android (android.graphics.Color)	4281538831 (0xFF33190F)
YUV	31.6340, -8.2006, 16.9840
Hunter-Lab	11.9731, 5.8686, 5.2426

Details

The Hex color **33190F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F2933**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **63443A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **33150A**, and if you desaturate by 10%, it is **331D14**.

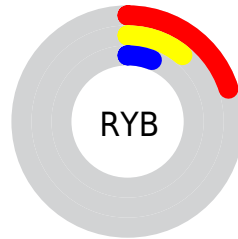
Distribution



Red (20%)

Green (10%)

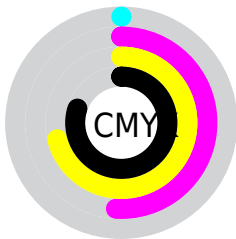
Blue (6%)



Red (20%)

Yellow (11%)

Blue (6%)

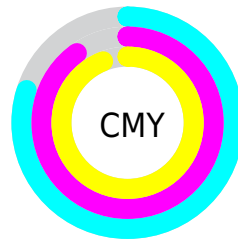


Cyan (0%)

Magenta (51%)

Yellow (71%)

Black (80%)



Cyan (80%)

Magenta (90%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33190F 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 33190F by changing the saturation by 10% instead.

 33190F

 33190F

 FFFDEF

 1E0000

 63443A

 000000

 7D5C50

 977569

 B38E82

 CFA99C

 EBC4B7

 FFE0D2

 33190F

 33190F

■ 33150A

■ 331D14

■ 331205

■ 332019

■ 330E00

■ 33241E

■ 332823

■ 332B29

■ 332F2E

■ 333333

■ 333638

■ 333A3D

Harmonies

Analogous

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



36161A



33190F



2C1D05

Triad

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



33190F



03251A



171F36

Complementary

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



33190F



0F2933

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.



002336



33190F



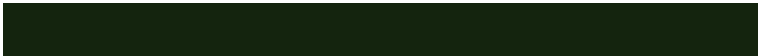
002626

Square

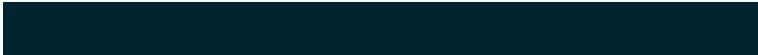
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33190F



14240E



002530



281B30

Rectangle

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



33190F



252003



002530



0F2037

Sweetspot

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



33190F



423834



330F29



211B19



A1A1A1



212121

Same Dimension

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



33190F



421A0A



332B0F



1A1817



591900



D93C00

Inverse Universe

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



0F2933



0A3342



0F1733



17191A



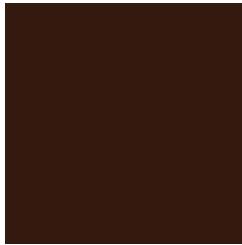
004059



009DD9

Previews

White Background



This preview shows how the Hex color 33190F looks on a white background.

Color Contrast Check

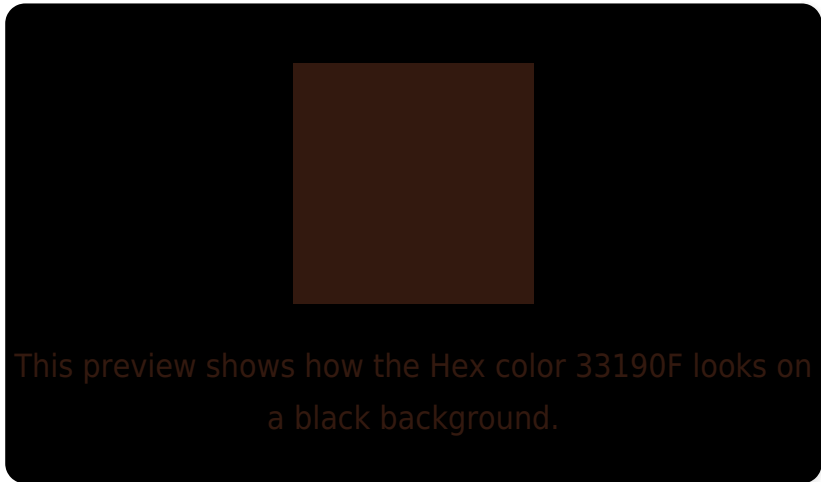
Large Text (above 18pt) WCAG AA ✓ Pass

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

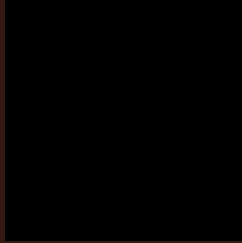
Any Text WCAG AA × Fail

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 33190F Background



This preview shows how black text looks on a background with the Hex color 33190F.

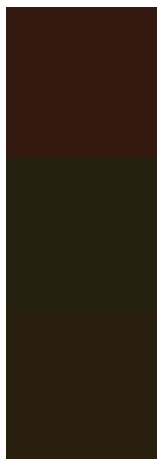


This preview shows how white text looks on a background with the Hex color 33190F.

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
33190F

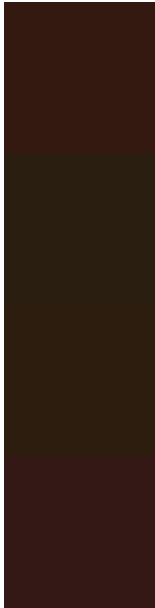
Protanopia
242111

Deuteranopia
281F0E



Tritanopia
341819

Trichromacy



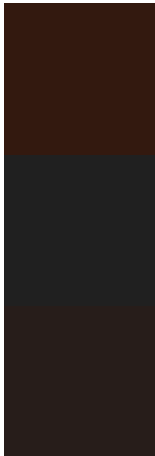
Original Color
33190F

Protanomaly
291E10

Deuteranomaly
2C1D0E

Tritanomaly
341815

Monochromacy



Original Color
33190F

Achromatopsia
202020

Achromatomaly
271D1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 33190F 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 #33190F looks like.

```
.text, #text, p{  
    color:#33190F  
}
```

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 #33190F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33190F
}
```

Border

The CSS property to change the border of an element to Hex 33190F is called "border". The border property can be set on classes, ids or directly on the HTML element.

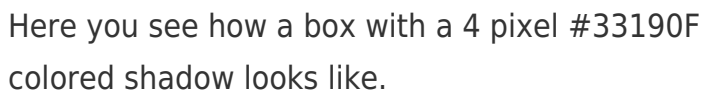
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33190F }
```

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

```
.border{ border-color:#33190F }
```

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



Here you see how a box with a 4 pixel #33190F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33190F; -webkit-box-shadow:4px 4px  
4px 4px #33190F; box-shadow:4px 4px 4px  
4px #33190F }
```

Background

The CSS property to change the background color of an element to Hex 33190F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33190F }
```

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

```
.background{ background-color:#33190F }
```

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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