

Converting Colors

Hex(3C1311)

Have a look what the booklet for
Hex(3C1311) contains.

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Color

Hex(3C1311)

Conversions

Conversions Part 1

Format	Color
Hex	3C1311
RGB	60, 19, 17
RGB Percent	24%, 7%, 7%
CMY	0.7647, 0.9255, 0.9333
CMYK	0.00, 0.68, 0.72, 0.76
HSL	3°, 56%, 15%
HSV	3°, 72%, 24%
XYZ	2.1975, 1.4669, 0.6976
YIQ	31.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

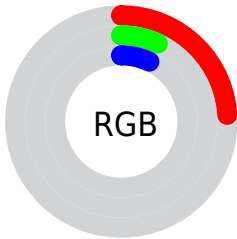
Format	Color
RYB	60, 19, 17
Decimal	3937041
CIELab	12.40, 20.05, 11.39
CIELCh	12, 23.057, 29.614
Yxy	1.4669, 0.5038, 0.3363
Android (android.graphics.Color)	4282127121 (0xFF3C1311)
YUV	31.0310, -6.9173, 25.4058
Hunter-Lab	12.1115, 11.1924, 5.0629

Details

The Hex color **3C1311** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **113A3C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6F3F3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C0D0B**, and if you desaturate by 10%, it is **3C1917**.

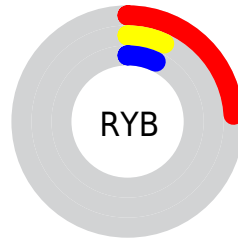
Distribution



Red (24%)

Green (7%)

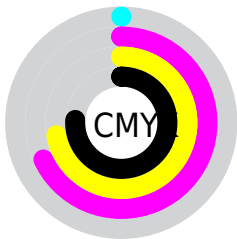
Blue (7%)



Red (24%)

Yellow (7%)

Blue (7%)

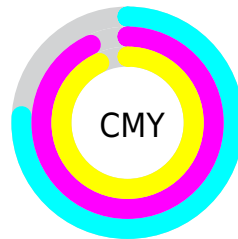


Cyan (0%)

Magenta (68%)

Yellow (72%)

Black (76%)



Cyan (76%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1311 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 3C1311 by changing the saturation by 10% instead.

 3C1311

 3C1311

 FFF8F1

 270000

 6F3F3B

 000000

 895752

 A4706A

 C08984

 DCA49E

 FABFB9

 FFDBD4

 3C1311

 3C1311

■ 3C0D0B

■ 3C1917

■ 3C0805

■ 3C1E1D

■ 3C0300

■ 3C2423

■ 3C2A29

■ 3C302F

■ 3C3535

■ 3C3B3B

■ 3C4141

■ 3C4647

Harmonies

Analogous

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



3C1121



3C1311



361900

Triad

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



3C1311



02270F



002240

Complementary

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



3C1311



113A3C

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.



00263C



3C1311



002820

Square

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



3C1311



1B2400



002830



201C3C

Rectangle

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



3C1311



2E1D00



002830



002440

Sweetspot

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



3C1311



4F3E3E



3C113B



291F1E



A8A8A8



292929

Same Dimension

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



3C1311



4F0E0B



3C2811



1F1C1C



5E0400



DE0A00

Inverse Universe

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



113A3C



0B4C4F



11253C



1C1E1F



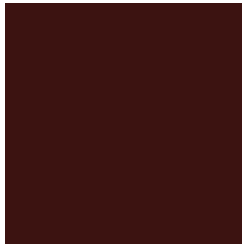
005A5E



00D4DE

Previews

White Background



This preview shows how the Hex color 3C1311 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

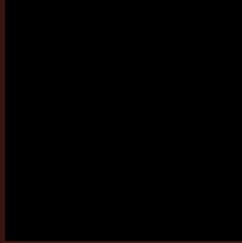
Any Text WCAG AA × Fail

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 3C1311 Background



This preview shows how black text looks on a background with the Hex color 3C1311.



This preview shows how white text looks on a background with the Hex color 3C1311.

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](#).

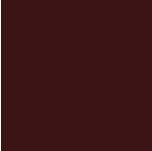
Dichromacy



Original Color
3C1311

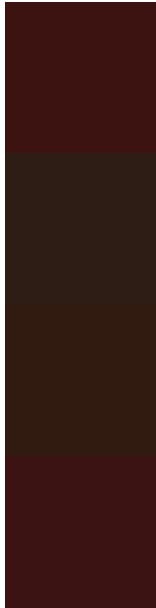
Protanopia
252216

Deuteranopia
2A200F



Tritanopia
3C1314

Trichromacy



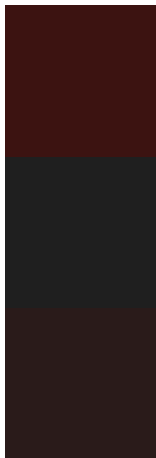
Original Color
3C1311

Protanomaly
2D1D14

Deuteranomaly
311B10

Tritanomaly
3C1313

Monochromacy



Original Color
3C1311

Achromatopsia
1F1F1F

Achromatomaly
2A1B1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1311 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 #3C1311 looks like.

```
.text, #text, p{  
    color:#3C1311  
}
```

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 #3C1311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1311
}
```

Border

The CSS property to change the border of an element to Hex 3C1311 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
#3C1311 }
```

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

```
.border{ border-color:#3C1311 }
```

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

Here you see how a box with a 4 pixel #3C1311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1311; -webkit-box-shadow:4px 4px  
4px 4px #3C1311; box-shadow:4px 4px 4px  
4px #3C1311 }
```

Background

The CSS property to change the background color of an element to Hex 3C1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1311 }
```

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

```
.background{ background-color:#3C1311 }
```

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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