

Converting Colors

Hex(311E10)

Have a look what the booklet for
Hex(311E10) contains.

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Color

Hex(311E10)

Conversions

Conversions Part 1

Format	Color
Hex	311E10
RGB	49, 30, 16
RGB Percent	19%, 12%, 6%
CMY	0.8078, 0.8824, 0.9373
CMYK	0.00, 0.39, 0.67, 0.81
HSL	25°, 51%, 13%
HSV	25°, 67%, 19%
XYZ	1.8244, 1.6189, 0.7065
YIQ	34.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

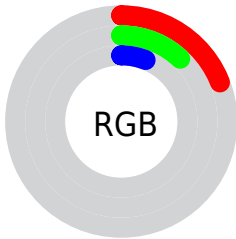
Format	Color
RYB	49, 40, 16
Decimal	3218960
CIELab	13.34, 7.39, 12.90
CIElCh	13, 14.868, 60.205
Yxy	1.6189, 0.4396, 0.3901
Android (android.graphics.Color)	4281409040 (0xFF311E10)
YUV	34.0850, -8.9159, 13.0805
Hunter-Lab	12.7237, 3.3282, 5.6143

Details

The Hex color **311E10** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **102331**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **614A3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **311B0B**, and if you desaturate by 10%, it is **312115**.

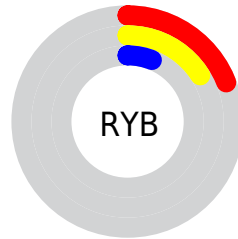
Distribution



Red (19%)

Green (12%)

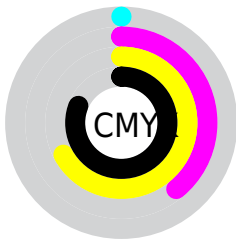
Blue (6%)



Red (19%)

Yellow (16%)

Blue (6%)

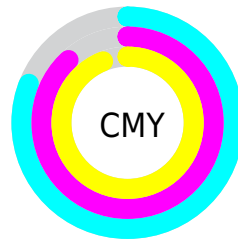


Cyan (0%)

Magenta (39%)

Yellow (67%)

Black (81%)



Cyan (81%)

Magenta (88%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311E10 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 311E10 by changing the saturation by 10% instead.

■ 311E10

■ 311E10

■ FFFFF0

■ 1C0600

■ 614A3A

■ 000000

■ 7A6251

■ 947A6A

■ AF9483

■ CBAF9D

■ E7CAB8

■ FFE6D3

■ 311E10

■ 311E10

■ 311B0B

■ 312115

■ 311806

■ 31241A

■ 311601

■ 31261F

■ 311500

■ 312924

■ 312C29

■ 312F2D

■ 313232

■ 313537

■ 31373C

Harmonies

Analogous

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



361B18



311E10



29220C

Triad

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



311E10



022822



232034

Complementary

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



311E10



102331

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.



122337



311E10



00272C

Square

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



311E10



112718



002634



2F1C2D

Rectangle

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



311E10



22240D



002634



1E2136

Sweetspot

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



311E10



403833



311023



211D19



A1A1A1



212121

Same Dimension

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



311E10



40220C



312E10



1A1817



592600



D95C00

Inverse Universe

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



102331



0C2A40



101331



17181A



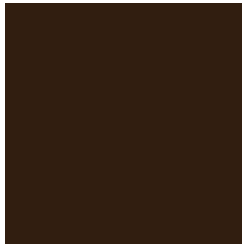
003359



007DD9

Previews

White Background



This preview shows how the Hex color 311E10 looks on a white background.

Color Contrast Check

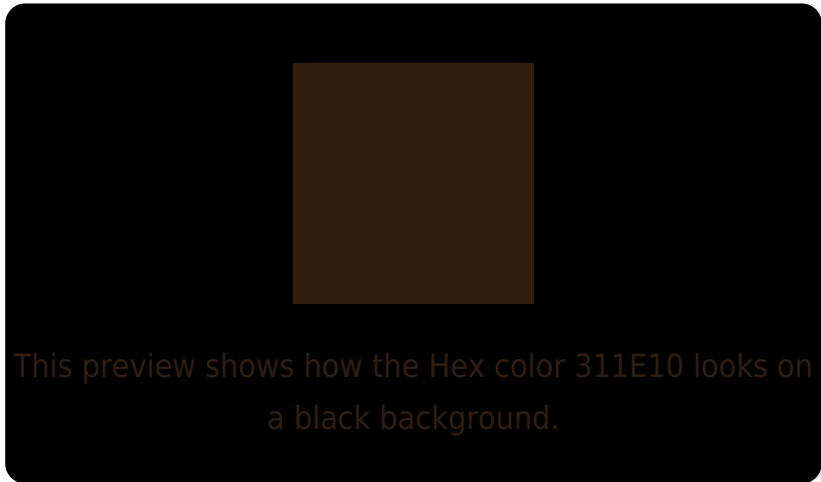
Large Text (above 18pt) WCAG AA ✓ Pass

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

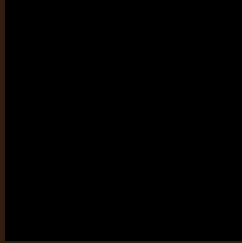
Any Text WCAG AA × Fail

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 311E10 Background



This preview shows how black text looks on a background with the Hex color 311E10.

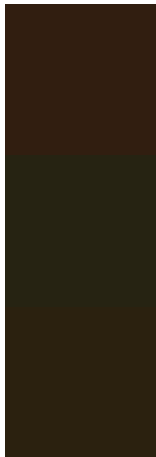


This preview shows how white text looks on a background with the Hex color 311E10.

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
311E10

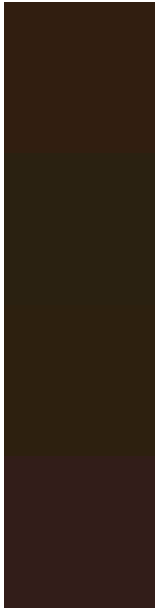
Protanopia
262312

Deuteranopia
2B210F



Tritanopia
321C1E

Trichromacy



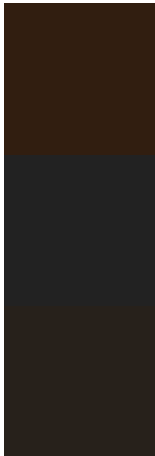
Original Color
311E10

Protanomaly
2A2111

Deuteranomaly
2D200F

Tritanomaly
321D19

Monochromacy



Original Color
311E10

Achromatopsia
222222

Achromatomaly
27211B

CSS Examples

Text

The CSS property to change the color of the text to Hex 311E10 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 #311E10 looks like.

```
.text, #text, p{  
    color:#311E10  
}
```

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 #311E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311E10
}
```

Border

The CSS property to change the border of an element to Hex 311E10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

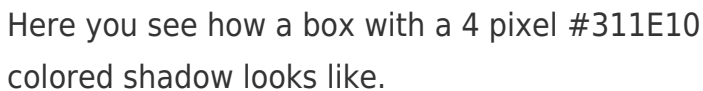
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311E10 }
```

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

```
.border{ border-color:#311E10 }
```

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



Here you see how a box with a 4 pixel #311E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311E10; -webkit-box-shadow:4px 4px  
4px 4px #311E10; box-shadow:4px 4px 4px  
4px #311E10 }
```

Background

The CSS property to change the background color of an element to Hex 311E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311E10 }
```

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

```
.background{ background-color:#311E10 }
```

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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