

Converting Colors

Hex(1E3311)

Have a look what the booklet for
Hex(1E3311) contains.

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Color

Hex(1E3311)

Conversions

Conversions Part 1

Format	Color
Hex	1E3311
RGB	30, 51, 17
RGB Percent	12%, 20%, 7%
CMY	0.8824, 0.8000, 0.9333
CMYK	0.41, 0.00, 0.67, 0.80
HSL	97°, 50%, 13%
HSV	97°, 67%, 20%
XYZ	1.8204, 2.6841, 0.9525
YIQ	40.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

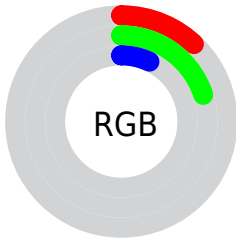
Format	Color
R_{YB}	17, 51, 38
Decimal	1979153
CIE _{Lab}	18.73, -15.93, 18.67
CIE _{LCh}	19, 24.544, 130.466
Yxy	2.6841, 0.3336, 0.4919
Android (android.graphics.Color)	4280169233 (0xFF1E3311)
YUV	40.8450, -11.7556, -9.5111
Hunter-Lab	16.3834, -8.8370, 8.0215

Details

The Hex color **1E3311** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **261133**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4C623C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B330C**, and if you desaturate by 10%, it is **213316**.

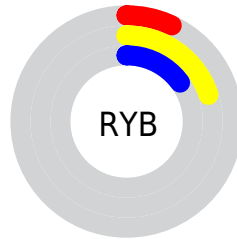
Distribution



Red (12%)

Green (20%)

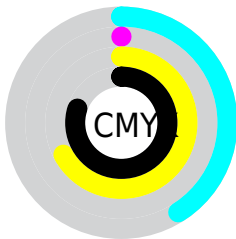
Blue (7%)



Red (7%)

Yellow (20%)

Blue (15%)

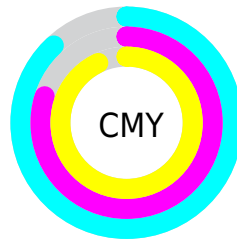


Cyan (41%)

Magenta (0%)

Yellow (67%)

Black (80%)



Cyan (88%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3311 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 1E3311 by changing the saturation by 10% instead.

 1E3311

 1E3311

 FFFFF3

 071E00

 4C623C

 000000

 647A54

 7D946C

 97AF85

 B2CAA0

 CEE7BB

 EAFFD7

 1E3311

 1E3311

■ 1B330C

■ 213316

■ 183307

■ 24331B

■ 153302

■ 273320

■ 143300

■ 2B3325

■ 2E332B

■ 313330

■ 343335

■ 37333A

■ 3A333F

Harmonies

Analogous

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



322F06



1E3311



003521

Triad

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



1E3311



00334F



4E1D28

Complementary

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



1E3311



261133

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.



48203A



1E3311



172D51

Square

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



1E3311



003544



372649



4B2217

Rectangle

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



1E3311



00362D



372649



4D1D2E

Sweetspot

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



1E3311



3A4235



332611



1C2119



A1A1A1



212121

Same Dimension

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



1E3311



22420D



113315



181A17



225900



53D900

Inverse Universe

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



261133



2E0D42



33112F



19171A



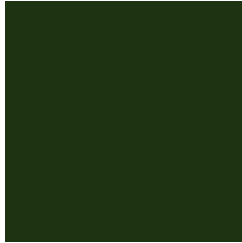
370059



8600D9

Previews

White Background



This preview shows how the Hex color 1E3311 looks on a white background.

Color Contrast Check

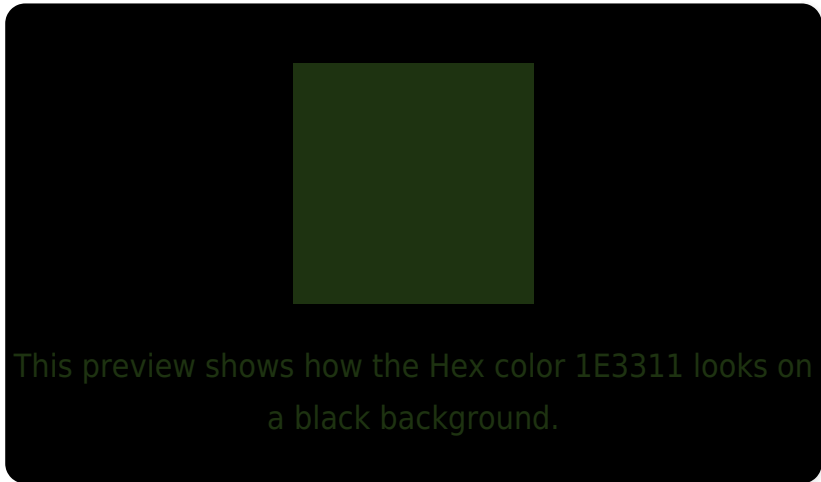
Large Text (above 18pt) WCAG AA ✓ Pass

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

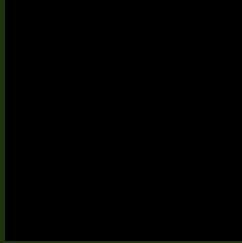
Any Text WCAG AA × Fail

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 1E3311 Background



This preview shows how black text looks on a background with the Hex color 1E3311.



This preview shows how white text looks on a background with the Hex color 1E3311.

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](#).

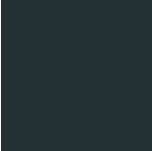
Dichromacy



Original Color
1E3311

Protanopia
332E10

Deuteranopia
392B14



Tritanopia
233034

Trichromacy



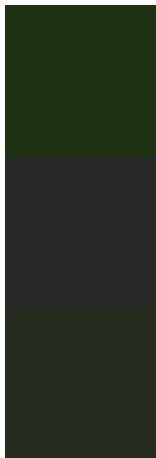
Original Color
1E3311

Protanomaly
2B3010

Deuteranomaly
2F2E13

Tritanomaly
213127

Monochromacy



Original Color
1E3311

Achromatopsia
292929

Achromatomaly
252D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3311 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 #1E3311 looks like.

```
.text, #text, p{  
    color:#1E3311  
}
```

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 #1E3311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3311
}
```

Border

The CSS property to change the border of an element to Hex 1E3311 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".

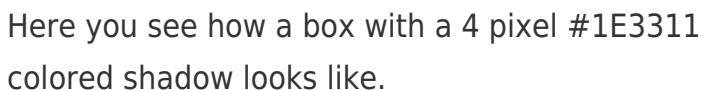
```
.border, #border, table{ border:4px solid
#1E3311 }
```

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

```
.border{ border-color:#1E3311 }
```

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

Here you see how a box with a 4 pixel #1E3311 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3311; -webkit-box-shadow:4px 4px  
4px 4px #1E3311; box-shadow:4px 4px 4px  
4px #1E3311 }
```

Background

The CSS property to change the background color of an element to Hex 1E3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3311 }
```

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

```
.background{ background-color:#1E3311 }
```

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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