

Converting Colors

Hex(11331B)

Have a look what the booklet for
Hex(11331B) contains.

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Color

Hex(11331B)

Conversions

Conversions Part 1

Format	Color
Hex	11331B
RGB	17, 51, 27
RGB Percent	7%, 20%, 11%
CMY	0.9333, 0.8000, 0.8941
CMYK	0.67, 0.00, 0.47, 0.80
HSL	138°, 50%, 13%
HSV	138°, 67%, 20%
XYZ	1.6128, 2.5660, 1.4472
YIQ	38.0980, -12.5600, -14.6720

Conversions

Conversions Part 2

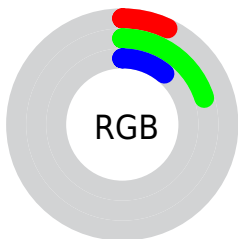
Format	Color
RYB	17, 43, 51
Decimal	1127195
CIELab	18.21, -18.99, 11.61
CIELCh	18, 22.261, 148.549
Yxy	2.5660, 0.2867, 0.4561
Android (android.graphics.Color)	4279317275 (0xFF11331B)
YUV	38.0980, -5.4713, -18.5029
Hunter-Lab	16.0186, -10.0604, 5.8565

Details

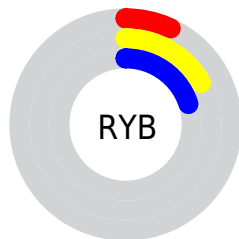
The Hex color **11331B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **331129**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3F6247**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C3317**, and if you desaturate by 10%, it is **16331F**.

Distribution



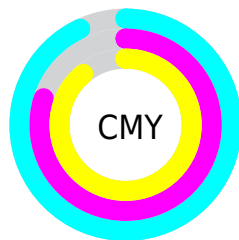
- Red (7%)
- Green (20%)
- Blue (11%)



- Red (7%)
- Yellow (17%)
- Blue (20%)



- Cyan (67%)
- Magenta (0%)
- Yellow (47%)
- Black (80%)





- Cyan (93%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11331B 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 11331B by changing the saturation by 10% instead.

 11331B

 11331B

 F8FFFF

 001E01

 3F6247

 000000

 577B5E


 709577


 8AAF91

 A4CBAB

 C0E7C7

 DCFE3

 11331B

 11331B

■ 0C3317

■ 16331F

■ 073314

■ 1B3322

■ 023310

■ 203326

■ 00330F

■ 253329

■ 2B332D

■ 303331

■ 353334

■ 3A3338

■ 3F333B

Harmonies

Analogous

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



26300F



11331B



00342B

Triad

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



11331B



082E4D



4A201E

Complementary

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



11331B



331129

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.



491E2E



11331B



2C2949

Square

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



11331B



003248



3F223D



432511

Rectangle

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



11331B



003436



3F223D



4A1F23

Sweetspot

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



11331B



354239



293311



19211C



A1A1A1



212121

Same Dimension

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



11331B



0D421D



11332C



171A18



00591A



00D940

Inverse Universe

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



331129



420D33



331118



1A1719



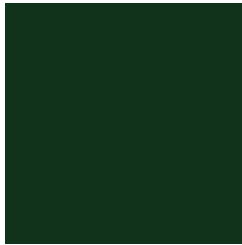
59003F



D90099

Previews

White Background



This preview shows how the Hex color 11331B looks on a white background.

Color Contrast Check

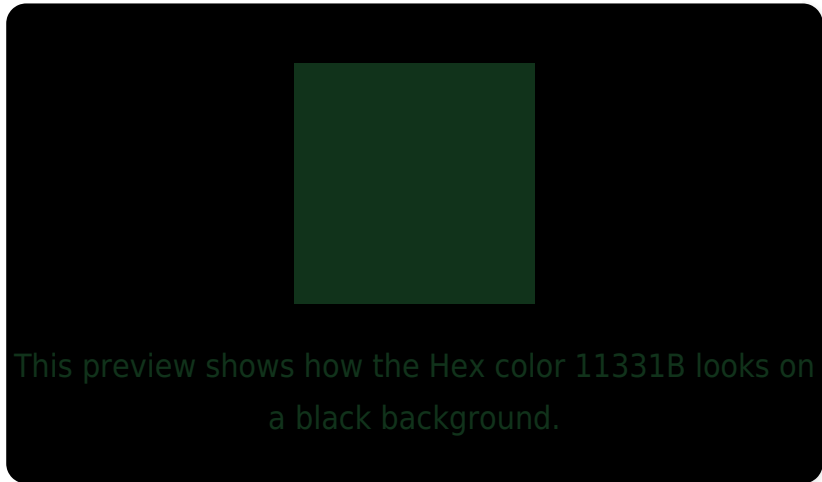
Large Text (above 18pt) WCAG AA ✓ Pass

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

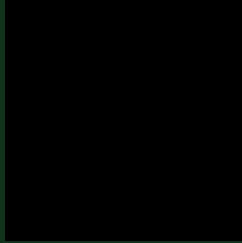
Any Text WCAG AA × Fail

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 11331B Background



This preview shows how black text looks on a background with the Hex color 11331B.



This preview shows how white text looks on a background with the Hex color 11331B.

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
11331B

Protanopia
312D19

Deuteranopia
362B1D



Tritanopia
193034

Trichromacy



Original Color
11331B

Protanomaly
252F1A

Deuteranomaly
292E1C

Tritanomaly
16312B

Monochromacy



Original Color
11331B

Achromatopsia
262626

Achromatomaly
1E2B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 11331B 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 #11331B looks like.

```
.text, #text, p{  
    color:#11331B  
}
```

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 #11331B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11331B
}
```

Border

The CSS property to change the border of an element to Hex 11331B 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".

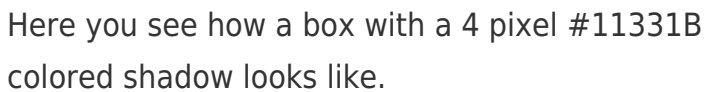
```
.border, #border, table{ border:4px solid
#11331B }
```

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

```
.border{ border-color:#11331B }
```

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

Here you see how a box with a 4 pixel #11331B 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 #11331B; -webkit-box-shadow:4px 4px  
4px 4px #11331B; box-shadow:4px 4px 4px  
4px #11331B }
```

Background

The CSS property to change the background color of an element to Hex 11331B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11331B }
```

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

```
.background{ background-color:#11331B }
```

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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