

Converting Colors

Hex(111B1B)

Have a look what the booklet for
Hex(111B1B) contains.

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Color

Hex(111B1B)

Conversions

Conversions Part 1

Format	Color
Hex	111B1B
RGB	17, 27, 27
RGB Percent	7%, 11%, 11%
CMY	0.9333, 0.8941, 0.8941
CMYK	0.37, 0.00, 0.00, 0.89
HSL	180°, 23%, 9%
HSV	180°, 37%, 11%
XYZ	0.8209, 0.9822, 1.1832
YIQ	24.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

Format	Color
R_{YB}	17, 22, 27
Decimal	1121051
CIE Lab	8.84, -4.48, -1.47
CIE LCh	9, 4.718, 198.134
Yxy	0.9822, 0.2749, 0.3289
Android (android.graphics.Color)	4279311131 (0xFF111B1B)
YUV	24.0100, 1.4741, -6.1478
Hunter-Lab	9.9104, -2.5573, -0.1414

Details

The Hex color **111B1B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1111**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3B4646**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1B1B**, and if you desaturate by 10%, it is **141B1B**.

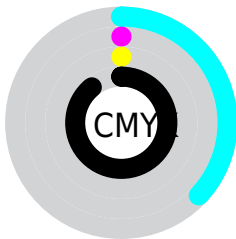
Distribution



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



- Red (7%)
- Yellow (9%)
- Blue (11%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (89%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 111B1B 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 111B1B by changing the saturation by 10% instead.

■ 111B1B

■ 111B1B

■ F1FEFE

■ 000000

■ 3B4646

■ 525E5E

■ 6A7676

■ 849090

■ 9EABAA

■ B9C6C6

■ D4E2E2

■ 111B1B

■ 111B1B

■ 0E1B1B

■ 141B1B

■ 0C1B1B

■ 161B1B

■ 091B1B

■ 191B1B

■ 061B1B

■ 1C1B1B

■ 041B1B

■ 1E1B1B

■ 011B1B

■ 211B1B

■ 001B1B

■ 241B1B

■ 271B1B

■ 291B1B

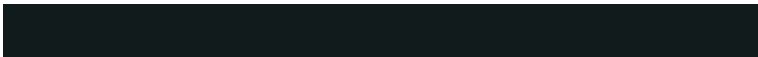
Harmonies

Analogous

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



131B18



111B1B



111B1E

Triad

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



111B1B



1C181D



1D1913

Complementary

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



111B1B



1B1111

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.



1F1814



111B1B



1F171B

Square

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



111B1B



18191F



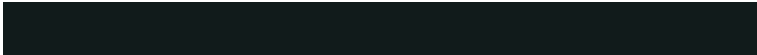
201717



1A1A13

Rectangle

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



111B1B



131A1F



201717



1E1813

Sweetspot

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



111B1B



202424



111B11



101212



919191



121212

Same Dimension

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



111B1B



142424



11161B



0B0D0D



004D4D



00CCCC

Inverse Universe

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



1B111B



241424



1B1611



0D0B0D



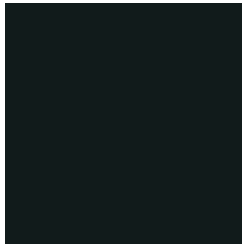
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 111B1B looks on a white background.

Color Contrast Check

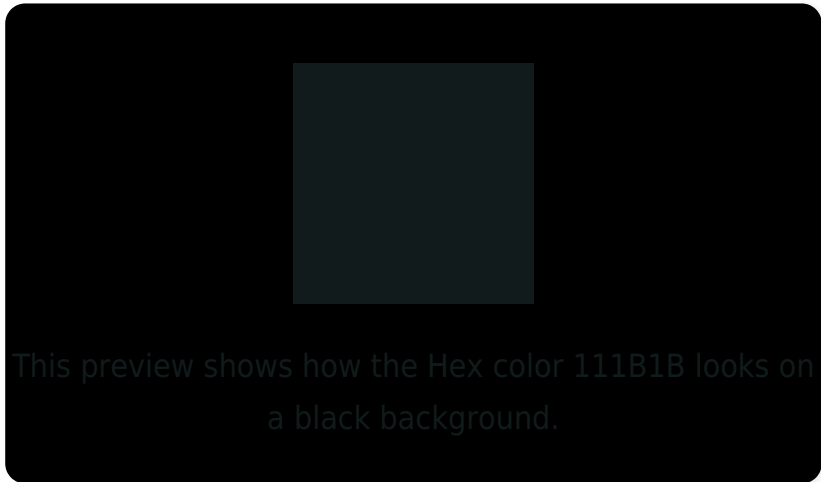
Large Text (above 18pt) WCAG AA ✓ Pass

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

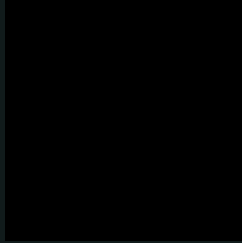
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

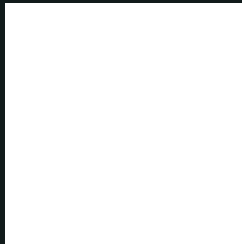
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 111B1B Background



This preview shows how black text looks on a background with the Hex color 111B1B.

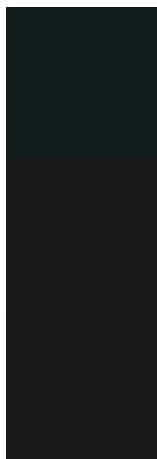


This preview shows how white text looks on a background with the Hex color 111B1B.

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

111B1B

Protanopia

19191A

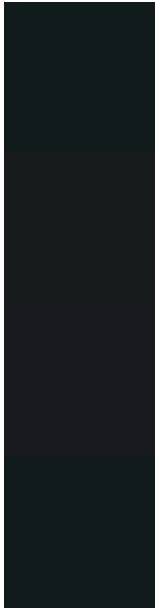
Deuteranopia

1B181C



Tritanopia
111B1D

Trichromacy



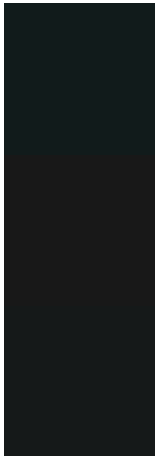
Original Color
111B1B

Protanomaly
161A1A

Deuteranomaly
17191C

Tritanomaly
111B1C

Monochromacy



Original Color
111B1B

Achromatopsia
181818

Achromatomaly
151919

CSS Examples

Text

The CSS property to change the color of the text to Hex 111B1B 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 #111B1B looks like.

```
.text, #text, p{  
    color:#111B1B  
}
```

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 #111B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111B1B
}
```

Border

The CSS property to change the border of an element to Hex 111B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

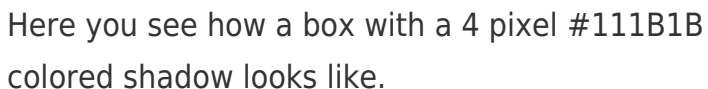
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#111B1B }
```

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

```
.border{ border-color:#111B1B }
```

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



Here you see how a box with a 4 pixel #111B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111B1B; -webkit-box-shadow:4px 4px  
4px 4px #111B1B; box-shadow:4px 4px 4px  
4px #111B1B }
```

Background

The CSS property to change the background color of an element to Hex 111B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111B1B }
```

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

```
.background{ background-color:#111B1B }
```

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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