

Converting Colors

Hex(121C1C)

Have a look what the booklet for
Hex(121C1C) contains.

Hex(121C1C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(121C1C)

Conversions

Conversions Part 1

Format	Color
Hex	121C1C
RGB	18, 28, 28
RGB Percent	7%, 11%, 11%
CMY	0.9294, 0.8902, 0.8902
CMYK	0.36, 0.00, 0.00, 0.89
HSL	180°, 22%, 9%
HSV	180°, 36%, 11%
XYZ	0.8743, 1.0429, 1.2538
YIQ	25.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

Format	Color
RYB	18, 23, 28
Decimal	1186844
CIELab	9.34, -4.48, -1.47
CIELCh	9, 4.712, 198.136
Yxy	1.0429, 0.2757, 0.3289
Android (android.graphics.Color)	4279376924 (0xFF121C1C)
YUV	25.0100, 1.4741, -6.1478
Hunter-Lab	10.2125, -2.5901, -0.1306

Details

The Hex color **121C1C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C1212**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3C4747**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F1C1C**, and if you desaturate by 10%, it is **151C1C**.

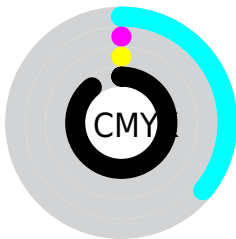
Distribution



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



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



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (89%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 121C1C 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 121C1C by changing the saturation by 10% instead.

■ 121C1C

■ 121C1C

■ F2FFFF

■ 000001

■ 3C4747

■ 000000

■ 535F5F

■ 6C7878

■ 859191

■ 9FACAC

■ BAC7C7

■ D6E3E3

■ 121C1C

■ 121C1C

■ 0F1C1C

■ 151C1C

■ 0C1C1C

■ 181C1C

■ 0A1C1C

■ 1A1C1C

■ 071C1C

■ 1D1C1C

■ 041C1C

■ 201C1C

■ 011C1C

■ 231C1C

■ 001C1C

■ 261C1C

■ 281C1C

■ 2B1C1C

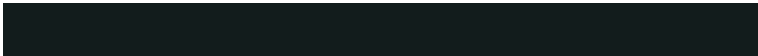
Harmonies

Analogous

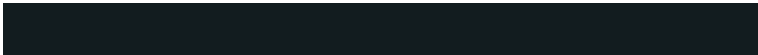
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141C19



121C1C



121C1F

Triad

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



121C1C



1D191E



1E1A14

Complementary

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



121C1C



1C1212

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.



201916



121C1C



20181C

Square

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



121C1C



191A20



211818



1B1B14

Rectangle

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



121C1C



141B20



211818



1F1914

Sweetspot

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



121C1C



202424



121C12



101212



919191



121212

Same Dimension

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



121C1C



142424



12171C



0B0D0D



004D4D



00CCCC

Inverse Universe

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



1C121C



241424



1C1712



0D0B0D



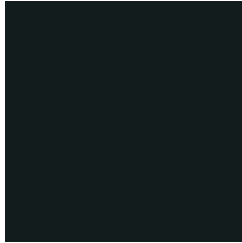
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 121C1C looks on a white background.

Color Contrast Check

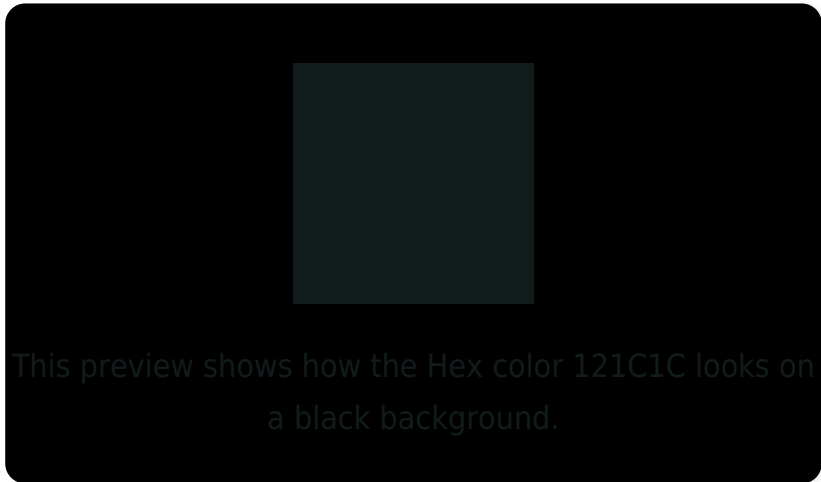
Large Text (above 18pt) WCAG AA ✓ Pass

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

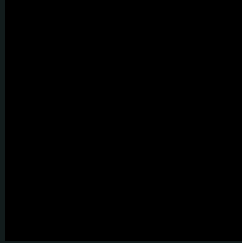
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

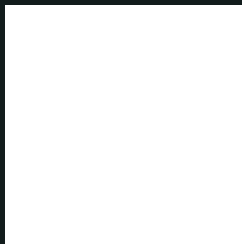
Any Text WCAG AAA × Fail

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

Hex 121C1C Background



This preview shows how black text looks on a background with the Hex color 121C1C.

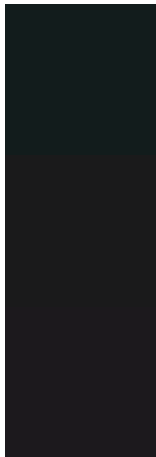


This preview shows how white text looks on a background with the Hex color 121C1C.

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
121C1C

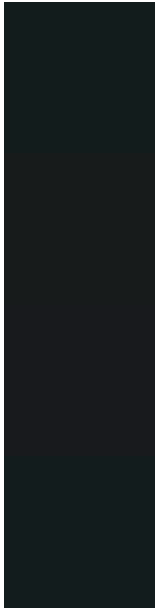
Protanopia
1A1A1B

Deuteranopia
1C191D



Tritanopia
121C1E

Trichromacy



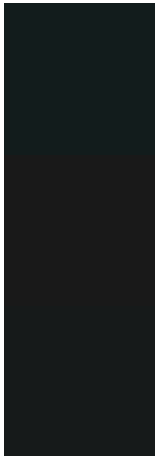
Original Color
121C1C

Protanomaly
171B1B

Deuteranomaly
181A1D

Tritanomaly
121C1D

Monochromacy



Original Color
121C1C

Achromatopsia
191919

Achromatomaly
161A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 121C1C 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 #121C1C looks like.

```
.text, #text, p{  
    color:#121C1C  
}
```

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 #121C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121C1C
}
```

Border

The CSS property to change the border of an element to Hex 121C1C 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
#121C1C }
```

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

```
.border{ border-color:#121C1C }
```

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

Here you see how a box with a 4 pixel #121C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121C1C; -webkit-box-shadow:4px 4px  
4px 4px #121C1C; box-shadow:4px 4px 4px  
4px #121C1C }
```

Background

The CSS property to change the background color of an element to Hex 121C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121C1C }
```

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

```
.background{ background-color:#121C1C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor