

Converting Colors

Hex(1C2117)

Have a look what the booklet for
Hex(1C2117) contains.

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Color

Hex(1C2117)

Conversions

Conversions Part 1

Format	Color
Hex	1C2117
RGB	28, 33, 23
RGB Percent	11%, 13%, 9%
CMY	0.8902, 0.8706, 0.9098
CMYK	0.15, 0.00, 0.30, 0.87
HSL	90°, 18%, 11%
HSV	90°, 30%, 13%
XYZ	1.1774, 1.3965, 1.0181
YIQ	30.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

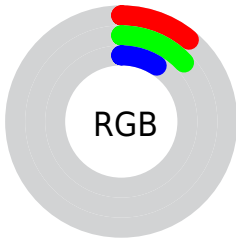
Format	Color
R_{YB}	23, 33, 28
Decimal	1843479
CIE Lab	11.93, -4.71, 6.03
CIE LCh	12, 7.652, 128.032
Yxy	1.3965, 0.3278, 0.3888
Android (android.graphics.Color)	4280033559 (0xFF1C2117)
YUV	30.3650, -3.6309, -2.0741
Hunter-Lab	11.8172, -2.8952, 3.1639

Details

The Hex color **1C2117** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C1721**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **474D42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2114**, and if you desaturate by 10%, it is **1E211A**.

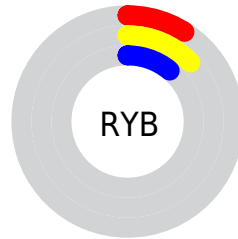
Distribution



Red (11%)

Green (13%)

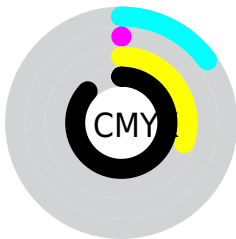
Blue (9%)



Red (9%)

Yellow (13%)

Blue (11%)

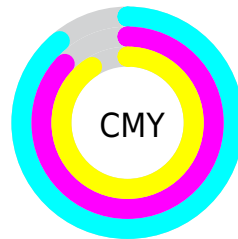


Cyan (15%)

Magenta (0%)

Yellow (30%)

Black (87%)



Cyan (89%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2117 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 1C2117 by changing the saturation by 10% instead.

■ 1C2117

■ 1C2117

■ FFFFF9

■ 000A00

■ 474D42

■ 000000

■ 5F6559

■ 787E71

■ 92988B

■ ACB3A5

■ C7CEC0

■ E4EADC

■ 1C2117

■ 1C2117

■ 1A2114

■ 1E211A

■ 192110

■ 1F211E

■ 17210D

■ 212121

■ 15210A

■ 232124

■ 142106

■ 242128

■ 122103

■ 26212B

■ 102100

■ 28212E

■ 292131

■ 2B2135

Harmonies

Analogous

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



221F15



1C2117



16221B

Triad

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



1C2117



142129



2A1C1E

Complementary

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



1C2117



1C1721

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.



271C23



1C2117



1B1F2A

Square

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



1C2117



102226



221E28



2A1C19

Rectangle

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



1C2117



13221F



221E28



291C20

Sweetspot

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



1C2117



292B27



211C17



161714



969696



171717

Same Dimension

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



1C2117



242B1C



172117



0F0F0E



284F00



67CF00

Inverse Universe

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



1C1721



241C2B



211721



0F0E0F



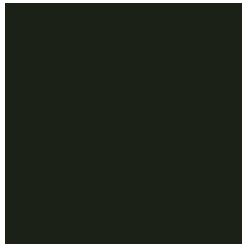
28004F



6700CF

Previews

White Background



This preview shows how the Hex color 1C2117 looks on a white background.

Color Contrast Check

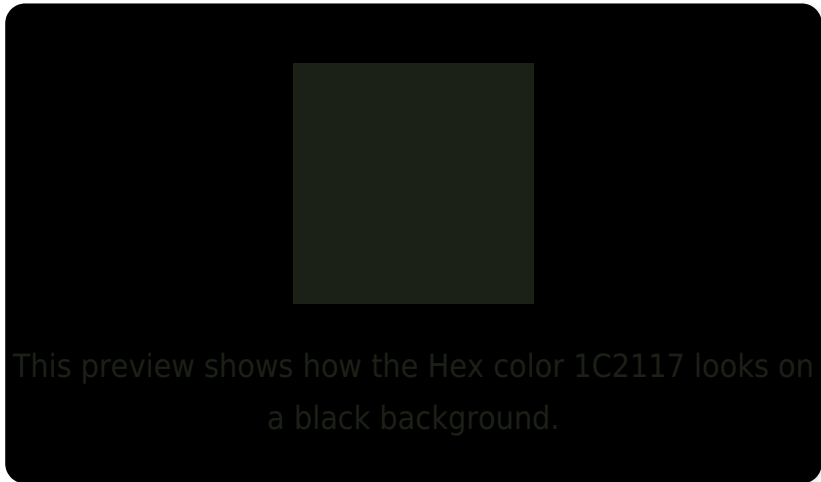
Large Text (above 18pt) WCAG AA ✓ Pass

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

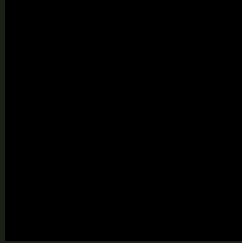
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

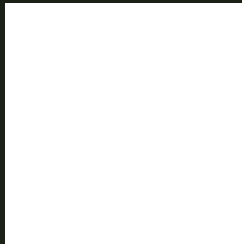
Any Text WCAG AAA × Fail

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

Hex 1C2117 Background



This preview shows how black text looks on a background with the Hex color 1C2117.

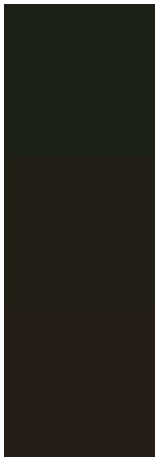


This preview shows how white text looks on a background with the Hex color 1C2117.

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

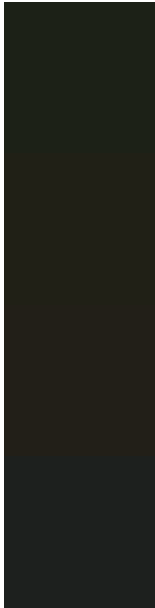


Original Color
1C2117

Protanopia
221F16

Deuteranopia
251E18

Trichromacy



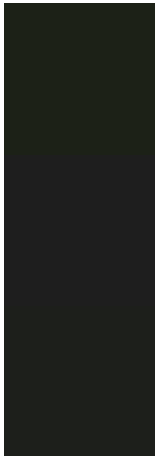
Original Color
1C2117

Protanomaly
202016

Deuteranomaly
221F18

Tritanomaly
1D201E

Monochromacy



Original Color
1C2117

Achromatopsia
1E1E1E

Achromatomaly
1D1F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2117 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 #1C2117 looks like.

```
.text, #text, p{  
    color:#1C2117  
}
```

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 #1C2117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2117
}
```

Border

The CSS property to change the border of an element to Hex 1C2117 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
#1C2117 }
```

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

```
.border{ border-color:#1C2117 }
```

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

Here you see how a box with a 4 pixel #1C2117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2117; -webkit-box-shadow:4px 4px  
4px 4px #1C2117; box-shadow:4px 4px 4px  
4px #1C2117 }
```

Background

The CSS property to change the background color of an element to Hex 1C2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2117 }
```

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

```
.background{ background-color:#1C2117 }
```

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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