

Converting Colors

Hex(16201C)

Have a look what the booklet for
Hex(16201C) contains.

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Color

Hex(16201C)

Conversions

Conversions Part 1

Format	Color
Hex	16201C
RGB	22, 32, 28
RGB Percent	9%, 13%, 11%
CMY	0.9137, 0.8745, 0.8902
CMYK	0.31, 0.00, 0.12, 0.87
HSL	156°, 19%, 11%
HSV	156°, 31%, 13%
XYZ	1.0570, 1.2874, 1.2914
YIQ	28.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

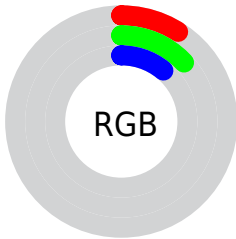
Format	Color
R_{YB}	22, 28, 32
Decimal	1450012
CIE Lab	11.19, -5.58, 1.26
CIE LCh	11, 5.724, 167.239
Yxy	1.2874, 0.2907, 0.3541
Android (android.graphics.Color)	4279640092 (0xFF16201C)
YUV	28.5540, -0.2731, -5.7479
Hunter-Lab	11.3465, -3.2282, 1.1945

Details

The Hex color **16201C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20161A**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **414C47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13201B**, and if you desaturate by 10%, it is **19201D**.

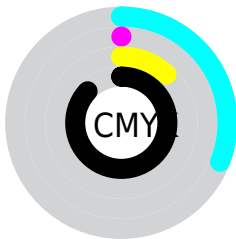
Distribution



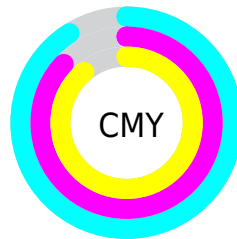
- Red (9%)
- Green (13%)
- Blue (11%)



- Red (9%)
- Yellow (11%)
- Blue (13%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16201C 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 16201C by changing the saturation by 10% instead.

■ 16201C

■ 16201C

■ F8FFFF

■ 000801

■ 414C47

■ 000000

■ 58645F

■ 717D78

■ 8A9791

■ A4B1AC

■ BFCDC7

■ DBE9E3

■ 16201C

■ 16201C

■ 13201B

■ 19201D

■ 102019

■ 1C201F

■ 0C2018

■ 202020

■ 092017

■ 232021

■ 062016

■ 262022

■ 032014

■ 292024

■ 002013

■ 2C2025

■ 302026

■ 332028

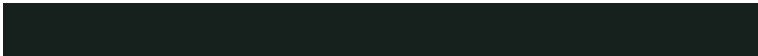
Harmonies

Analogous

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



1A1F18



16201C



142020

Triad

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



16201C



1C1D25



251C18

Complementary

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



16201C



20161A

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.



261B1C



16201C



211C23

Square

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



16201C



171F25



251B20



221D16

Rectangle

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



16201C



142022



251B20



261C19

Sweetspot

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



16201C



252927



1A2016



121414



949494



141414

Same Dimension

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



16201C



192923



161F20



0E0F0F



004F2F



00CF7C

Inverse Universe

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



20161A



29191F



201716



0F0E0E



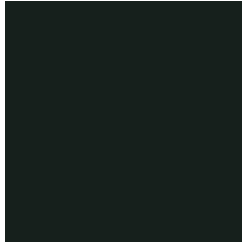
4F0020



CF0053

Previews

White Background



This preview shows how the Hex color 16201C looks on a white background.

Color Contrast Check

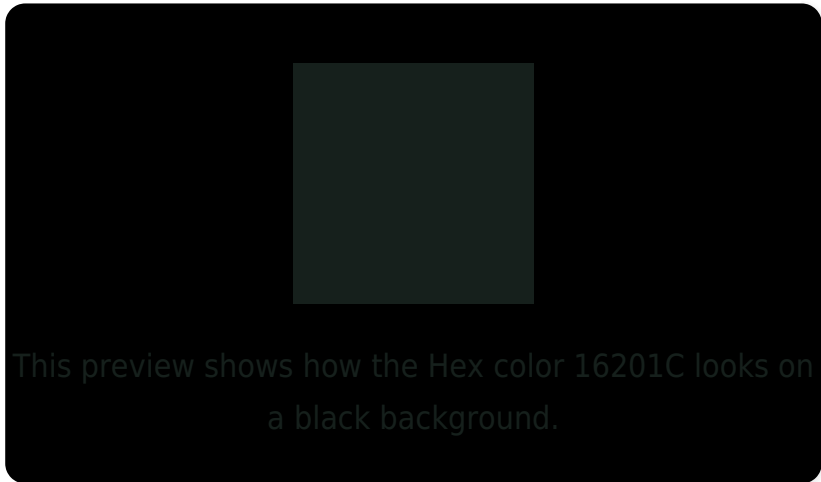
Large Text (above 18pt) WCAG AA ✓ Pass

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

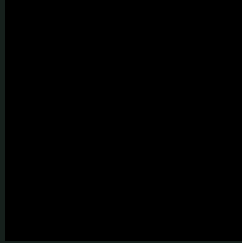
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

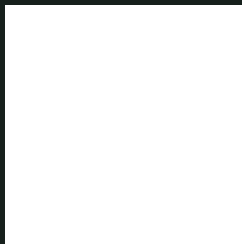
Any Text WCAG AAA × Fail

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

Hex 16201C Background



This preview shows how black text looks on a background with the Hex color 16201C.

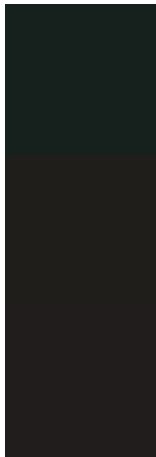


This preview shows how white text looks on a background with the Hex color 16201C.

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
16201C

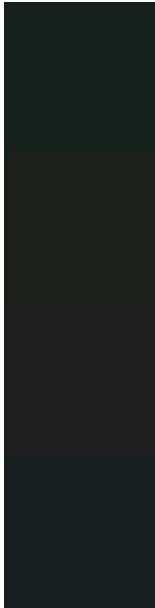
Protanopia
1F1E1B

Deuteranopia
211D1D



Tritanopia
171F22

Trichromacy



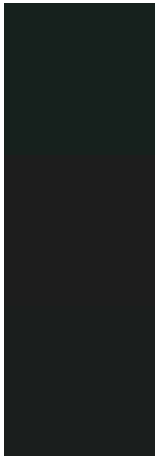
Original Color
16201C

Protanomaly
1C1F1B

Deuteranomaly
1D1E1D

Tritanomaly
171F20

Monochromacy



Original Color
16201C

Achromatopsia
1D1D1D

Achromatomaly
1A1E1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 16201C 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 #16201C looks like.

```
.text, #text, p{  
    color:#16201C  
}
```

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 #16201C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16201C
}
```

Border

The CSS property to change the border of an element to Hex 16201C is called "border". The border property can be set on classes, ids or directly on the HTML element.

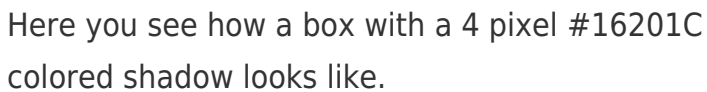
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16201C }
```

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

```
.border{ border-color:#16201C }
```

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



Here you see how a box with a 4 pixel #16201C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16201C; -webkit-box-shadow:4px 4px  
4px 4px #16201C; box-shadow:4px 4px 4px  
4px #16201C }
```

Background

The CSS property to change the background color of an element to Hex 16201C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16201C }
```

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

```
.background{ background-color:#16201C }
```

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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