

Converting Colors

Hex(16201D)

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

Hex(16201D)	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(16201D)

Conversions

Conversions Part 1

Format	Color
Hex	16201D
RGB	22, 32, 29
RGB Percent	9%, 13%, 11%
CMY	0.9137, 0.8745, 0.8863
CMYK	0.31, 0.00, 0.09, 0.87
HSL	162°, 19%, 11%
HSV	162°, 31%, 13%
XYZ	1.0692, 1.2923, 1.3555
YIQ	28.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

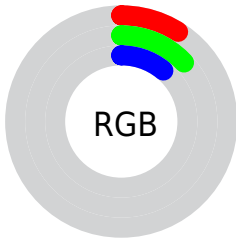
Format	Color
RYB	22, 28, 32
Decimal	1450013
CIELab	11.22, -5.30, 0.58
CIELCh	11, 5.335, 173.748
Yxy	1.2923, 0.2876, 0.3477
Android (android.graphics.Color)	4279640093 (0xFF16201D)
YUV	28.6680, 0.1637, -5.8478
Hunter-Lab	11.3680, -3.1060, 0.8880

Details

The Hex color **16201D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **201619**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **414C48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13201C**, and if you desaturate by 10%, it is **19201E**.

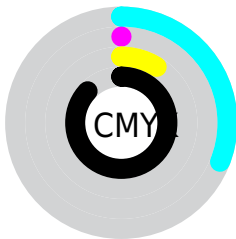
Distribution



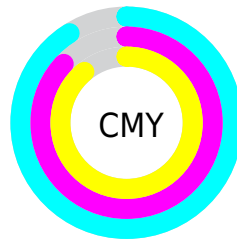
- Red (9%)
- Green (13%)
- Blue (11%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (87%)



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

Brightness & Saturation Gradients

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

■ 16201D

■ 16201D

■ F8FFFF

■ 000903

■ 414C48

■ 000000

■ 586460

■ 717D79

■ 8A9793

■ A4B1AD

■ C0CDC8

■ DBE9E4

■ 16201D

■ 16201D

■ 13201C

■ 19201E

■ 10201B

■ 1C201F

■ 0C201A

■ 202020

■ 092019

■ 232021

■ 062018

■ 262022

■ 032017

■ 292023

■ 002016

■ 2C2024

■ 302025

■ 332026

Harmonies

Analogous

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



1A201A



16201D



142021

Triad

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



16201D



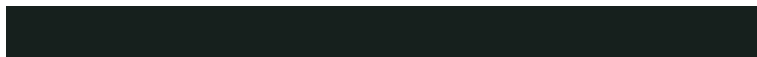
1E1D25



241C18

Complementary

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



16201D



201619

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.



261C1B



16201D



221C22

Square

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



16201D



191E25



251B1F



221D17

Rectangle

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



16201D



152023



251B1F



251C19

Sweetspot

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



16201D



252928



192016



121414



949494



141414

Same Dimension

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



16201D



192924



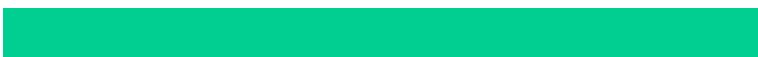
161E20



0E0F0F



004F37



00CF91

Inverse Universe

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



201619



29191E



201816



0F0E0E



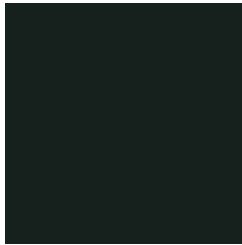
4F0018



CF003E

Previews

White Background



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

Color Contrast Check

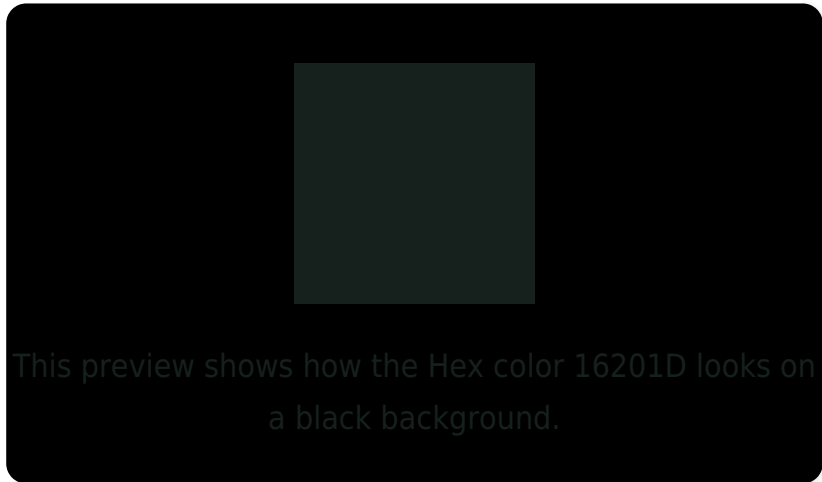
Large Text (above 18pt) WCAG AA ✓ Pass

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

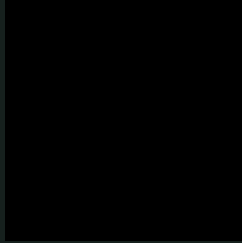
Any Text WCAG AA × Fail

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 16201D Background



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



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

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
16201D

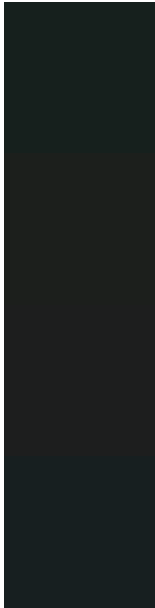
Protanopia
1F1E1C

Deuteranopia
211D1E



Tritanopia
171F22

Trichromacy



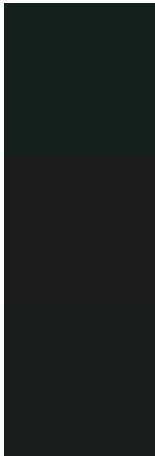
Original Color
16201D

Protanomaly
1C1F1C

Deuteranomaly
1D1E1E

Tritanomaly
171F20

Monochromacy



Original Color
16201D

Achromatopsia
1D1D1D

Achromatomaly
1A1E1D

CSS Examples

Text

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

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

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 #16201D colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 16201D 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
#16201D }
```

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

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

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

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

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

Background

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

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

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

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

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