

Converting Colors

Hex(201316)

Have a look what the booklet for
Hex(201316) contains.

Hex(201316)	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(201316)

Conversions

Conversions Part 1

Format	Color
Hex	201316
RGB	32, 19, 22
RGB Percent	13%, 7%, 9%
CMY	0.8745, 0.9255, 0.9137
CMYK	0.00, 0.41, 0.31, 0.87
HSL	346°, 25%, 10%
HSV	346°, 41%, 13%
XYZ	0.9734, 0.8307, 0.8681
YIQ	23.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

Format	Color
RYB	32, 19, 22
Decimal	2102038
CIELab	7.50, 7.27, 0.52
CIElCh	8, 7.287, 4.101
Yxy	0.8307, 0.3643, 0.3109
Android (android.graphics.Color)	4280292118 (0xFF201316)
YUV	23.2290, -0.6059, 7.6922
Hunter-Lab	9.1145, 3.1118, 0.7332

Details

The Hex color **201316** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **13201D**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4C3D40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **201014**, and if you desaturate by 10%, it is **201618**.

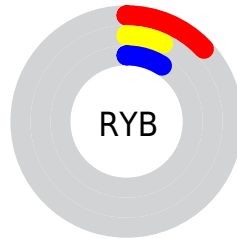
Distribution



Red (13%)

Green (7%)

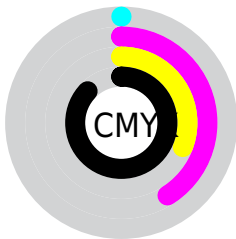
Blue (9%)



Red (13%)

Yellow (7%)

Blue (9%)

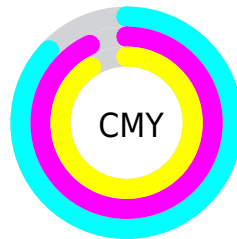


Cyan (0%)

Magenta (41%)

Yellow (31%)

Black (87%)



Cyan (87%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201316 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 201316 by changing the saturation by 10% instead.

■ 201316

■ 201316

■ FFF3F7

■ 000000

■ 4C3D40

■ 645458

■ 7D6D70

■ 978689

■ B2A0A4

■ CEBBBF

■ EAD7DB

■ 201316

■ 201316

■ 201014

■ 201618

■ 200D11

■ 20191B

■ 20090F

■ 201D1D

■ 20060C

■ 202020

■ 20030A

■ 202322

■ 200007

■ 202625

■ 202927

■ 202D2A

■ 20302C

Harmonies

Analogous

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



1D141B



201316



201310

Triad

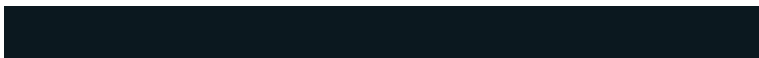
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201316



14180C



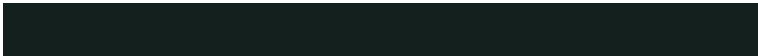
0B181F

Complementary

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



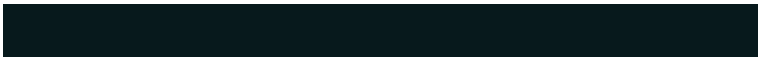
201316



13201D

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.



07191C



201316



0E1912

Square

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



201316



1A160A



081A17



111720

Rectangle

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



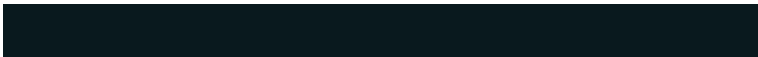
201316



1F140D



081A17



09191E

Sweetspot

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



201316



292425



1D1320



141212



949494



141414

Same Dimension

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



201316



291519



201613



0F0E0E



4F0012



CF0030

Inverse Universe

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



201316



291519



131D20



0F0E0E



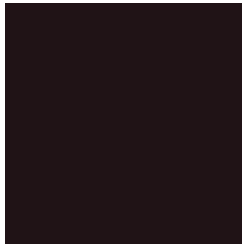
4F0012



CF0030

Previews

White Background



This preview shows how the Hex color 201316 looks on a white background.

Color Contrast Check

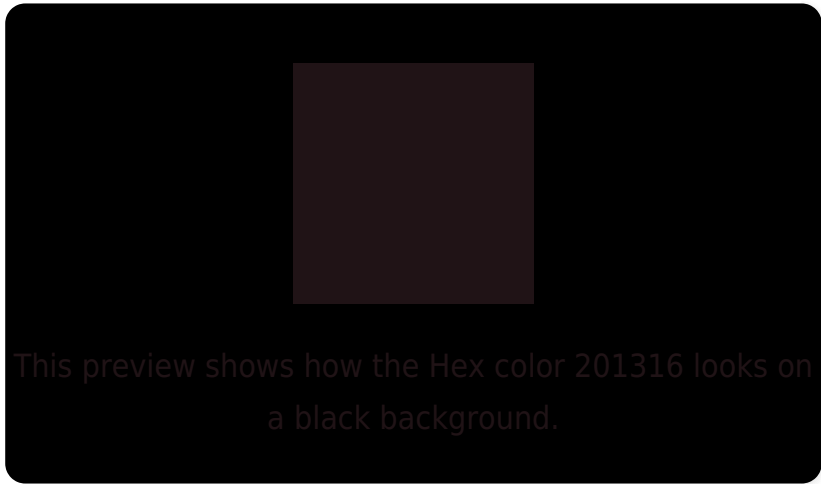
Large Text (above 18pt) WCAG AA ✓ Pass

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

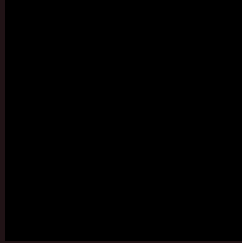
Any Text WCAG AA × Fail

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 201316 Background



This preview shows how black text looks on a background with the Hex color 201316.

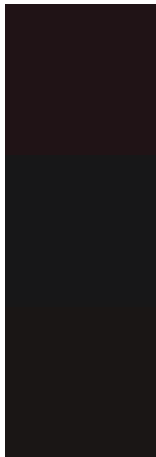


This preview shows how white text looks on a background with the Hex color 201316.

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
201316

Protanopia
171718

Deuteranopia
1A1615

Trichromacy



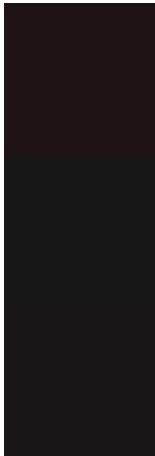
Original Color
201316

Protanomaly
1A1617

Deuteranomaly
1C1515

Tritanomaly
201315

Monochromacy



Original Color
201316

Achromatopsia
171717

Achromatomaly
1A1617

CSS Examples

Text

The CSS property to change the color of the text to Hex 201316 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 #201316 looks like.

```
.text, #text, p{  
    color:#201316  
}
```

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 #201316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201316
}
```

Border

The CSS property to change the border of an element to Hex 201316 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
#201316 }
```

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

```
.border{ border-color:#201316 }
```

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

Here you see how a box with a 4 pixel #201316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201316; -webkit-box-shadow:4px 4px  
4px 4px #201316; box-shadow:4px 4px 4px  
4px #201316 }
```

Background

The CSS property to change the background color of an element to Hex 201316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201316 }
```

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

```
.background{ background-color:#201316 }
```

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