

Converting Colors

Hex(201814)

Have a look what the booklet for
Hex(201814) contains.

Hex(201814)	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(201814)

Conversions

Conversions Part 1

Format	Color
Hex	201814
RGB	32, 24, 20
RGB Percent	13%, 9%, 8%
CMY	0.8745, 0.9059, 0.9216
CMYK	0.00, 0.25, 0.38, 0.87
HSL	20°, 23%, 10%
HSV	20°, 38%, 13%
XYZ	1.0486, 1.0109, 0.8017
YIQ	25.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

Format	Color
RYB	32, 26, 20
Decimal	2103316
CIELab	9.08, 3.20, 4.19
CIElCh	9, 5.271, 52.664
Yxy	1.0109, 0.3665, 0.3533
Android (android.graphics.Color)	4280293396 (0xFF201814)
YUV	25.9360, -2.9264, 5.3181
Hunter-Lab	10.0541, 1.0215, 2.3104

Details

The Hex color **201814** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **141C20**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4C433E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **201611**, and if you desaturate by 10%, it is **201A17**.

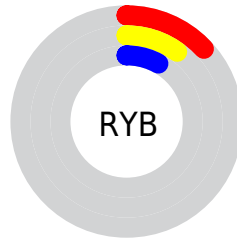
Distribution



Red (13%)

Green (9%)

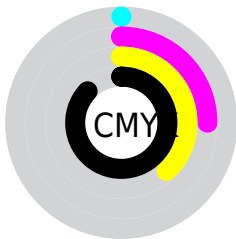
Blue (8%)



Red (13%)

Yellow (10%)

Blue (8%)

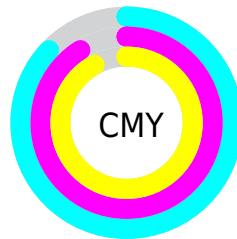


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (87%)



Cyan (87%)

Magenta (91%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201814 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 201814 by changing the saturation by 10% instead.

■ 201814

■ 201814

■ FFFAF4

■ 000000

■ 4C433E

■ 645A55

■ 7D736E

■ 978C87

■ B2A6A1

■ CDC2BC

■ EADDD8

■ 201814

■ 201814

■ 201611

■ 201A17

■ 20140E

■ 201C1A

■ 20120A

■ 201E1E

■ 200F07

■ 202121

■ 200D04

■ 202324

■ 200B01

■ 202527

■ 200B00

■ 20272A

■ 20292E

■ 202B31

Harmonies

Analogous

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



211717



201814



1D1912

Triad

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



201814



121C19



191920

Complementary

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



201814



141C20

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.



151A21



201814



101C1C

Square

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



201814



161B15



111B1F



1D181E

Rectangle

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



201814



1B1A12



111B1F



181920

Sweetspot

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



201814



292624



20141C



141312



949494



141414

Same Dimension

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



201814



291D16



201E14



0F0E0E



4F1A00



CF4500

Inverse Universe

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



141C20



162329



141620



0E0F0F



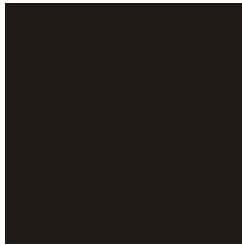
00354F



008ACF

Previews

White Background



This preview shows how the Hex color 201814 looks on a white background.

Color Contrast Check

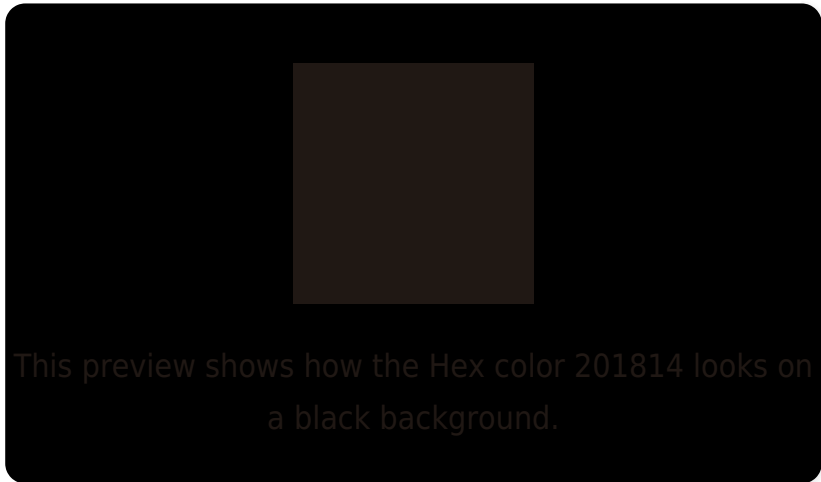
Large Text (above 18pt) WCAG AA ✓ Pass

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

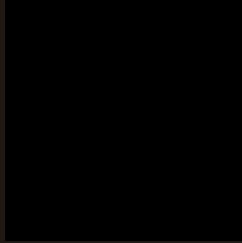
Any Text WCAG AA × Fail

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 201814 Background



This preview shows how black text looks on a background with the Hex color 201814.



This preview shows how white text looks on a background with the Hex color 201814.

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
201814

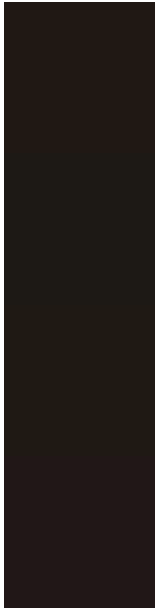
Protanopia
1B1A15

Deuteranopia
1E1914



Tritanopia
211719

Trichromacy



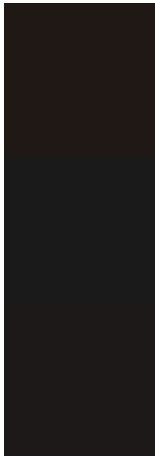
Original Color
201814

Protanomaly
1D1915

Deuteranomaly
1F1914

Tritanomaly
211717

Monochromacy



Original Color
201814

Achromatopsia
1A1A1A

Achromatomaly
1C1918

CSS Examples

Text

The CSS property to change the color of the text to Hex 201814 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 #201814 looks like.

```
.text, #text, p{  
    color:#201814  
}
```

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 #201814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201814
}
```

Border

The CSS property to change the border of an element to Hex 201814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

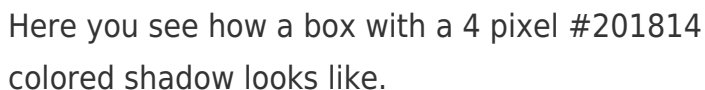
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201814 }
```

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

```
.border{ border-color:#201814 }
```

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



Here you see how a box with a 4 pixel #201814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201814; -webkit-box-shadow:4px 4px  
4px 4px #201814; box-shadow:4px 4px 4px  
4px #201814 }
```

Background

The CSS property to change the background color of an element to Hex 201814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201814 }
```

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

```
.background{ background-color:#201814 }
```

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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