

Converting Colors

Hex(201B1D)

Have a look what the booklet for
Hex(201B1D) contains.

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Color

Hex(201B1D)

Conversions

Conversions Part 1

Format	Color
Hex	201B1D
RGB	32, 27, 29
RGB Percent	13%, 11%, 11%
CMY	0.8745, 0.8941, 0.8863
CMYK	0.00, 0.16, 0.09, 0.87
HSL	336°, 8%, 12%
HSV	336°, 16%, 13%
XYZ	1.2094, 1.1797, 1.3264
YIQ	28.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

Format	Color
R_{YB}	32, 27, 29
Decimal	2104093
CIE Lab	10.41, 2.91, -0.49
CIE LCh	10, 2.949, 350.436
Yxy	1.1797, 0.3255, 0.3175
Android (android.graphics.Color)	4280294173 (0xFF201B1D)
YUV	28.7230, 0.1366, 2.8739
Hunter-Lab	10.8612, 0.8685, 0.3624

Details

The Hex color **201B1D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B201E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4C4648**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20181B**, and if you desaturate by 10%, it is **201E1F**.

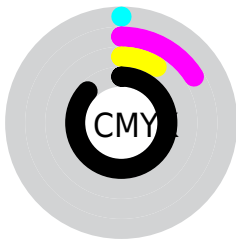
Distribution



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



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



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 201B1D 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 201B1D by changing the saturation by 10% instead.

■ 201B1D

■ 201B1D

FFFEFF

■ 080003

■ 4C4648

■ 000000

■ 645E60

■ 7D7679

■ 979093

■ B1AAAD

■ CDC6C8

■ E9E2E4

■ 201B1D

■ 201B1D

■ 20181B

■ 201E1F

■ 201519

■ 202121

■ 201117

■ 202523

■ 200E15

■ 202825

■ 200B13

■ 202B27

■ 200811

■ 202E29

■ 200510

■ 20312A

■ 20010E

■ 20352C

■ 20000D

■ 20382E

Harmonies

Analogous

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



1E1B1F



201B1D



211B1B

Triad

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



201B1D



1C1D19



181D1F

Complementary

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



201B1D



1B201E

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.



171D1E



201B1D



1A1D1A

Square

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



201B1D



1F1C18



181D1C



191D20

Rectangle

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



201B1D



201B1A



181D1C



171D1F

Sweetspot

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



201B1D



292728



1E1B20



141314



949494



141414

Same Dimension

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



201B1D



292124



201C1B



0F0E0E



4F0020



CF0053

Inverse Universe

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



201B1D



292124



1B1F20



0F0E0E



4F0020



CF0053

Previews

White Background



This preview shows how the Hex color 201B1D looks on a white background.

Color Contrast Check

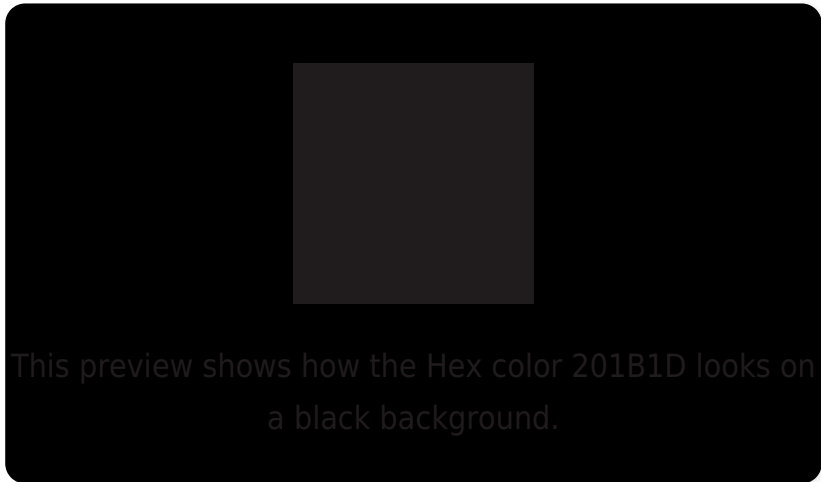
Large Text (above 18pt) WCAG AA ✓ Pass

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

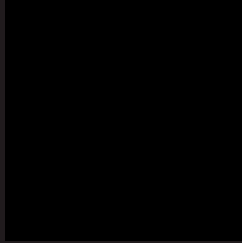
Any Text WCAG AA × Fail

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 201B1D Background



This preview shows how black text looks on a background with the Hex color 201B1D.

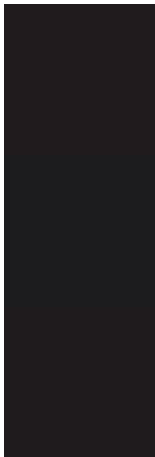


This preview shows how white text looks on a background with the Hex color 201B1D.

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

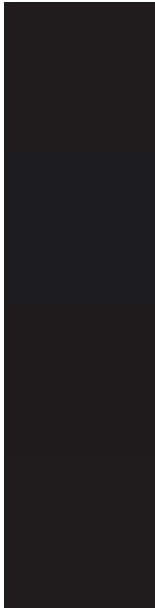


Original Color
201B1D

Protanopia
1C1C1E

Deuteranopia
1F1B1D

Trichromacy



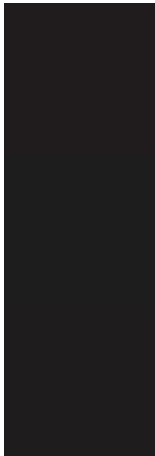
Original Color
201B1D

Protanomaly
1D1C1E

Deuteranomaly
1F1B1D

Tritanomaly
201B1D

Monochromacy



Original Color
201B1D

Achromatopsia
1D1D1D

Achromatomaly
1E1C1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 201B1D 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 #201B1D looks like.

```
.text, #text, p{  
    color:#201B1D  
}
```

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 #201B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201B1D
}
```

Border

The CSS property to change the border of an element to Hex 201B1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

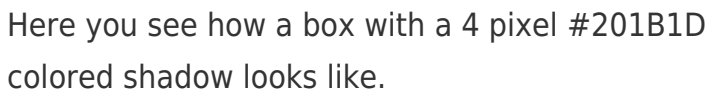
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201B1D }
```

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

```
.border{ border-color:#201B1D }
```

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



Here you see how a box with a 4 pixel #201B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201B1D; -webkit-box-shadow:4px 4px  
4px 4px #201B1D; box-shadow:4px 4px 4px  
4px #201B1D }
```

Background

The CSS property to change the background color of an element to Hex 201B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201B1D }
```

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

```
.background{ background-color:#201B1D }
```

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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