

Converting Colors

Hex(21201D)

Have a look what the booklet for
Hex(21201D) contains.

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Color

Hex(21201D)

Conversions

Conversions Part 1

Format	Color
Hex	21201D
RGB	33, 32, 29
RGB Percent	13%, 13%, 11%
CMY	0.8706, 0.8745, 0.8863
CMYK	0.00, 0.03, 0.12, 0.87
HSL	45°, 6%, 12%
HSV	45°, 12%, 13%
XYZ	1.3655, 1.4451, 1.3694
YIQ	31.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

Format	Color
RYB	30, 33, 29
Decimal	2170909
CIELab	12.25, -0.24, 2.20
CIElCh	12, 2.217, 96.141
Yxy	1.4451, 0.3267, 0.3457
Android (android.graphics.Color)	4280360989 (0xFF21201D)
YUV	31.9570, -1.4578, 0.9147
Hunter-Lab	12.0211, -0.7610, 1.6609

Details

The Hex color **21201D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D1E21**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D4C48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211F1A**, and if you desaturate by 10%, it is **212120**.

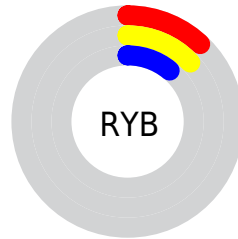
Distribution



Red (13%)

Green (13%)

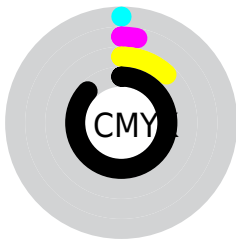
Blue (11%)



Red (12%)

Yellow (13%)

Blue (11%)

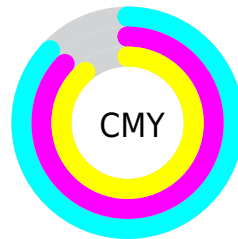


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21201D 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 21201D by changing the saturation by 10% instead.

■ 21201D

■ 21201D

FFFFFF

■ 0A0803

■ 4D4C48

■ 000000

■ 656460

■ 7E7D79

■ 989693

■ B3B1AD

■ CE CDC8

■ EAE9E5

■ 21201D

■ 21201D

■ 211F1A

■ 212120

■ 211E16

■ 212224

■ 211E13

■ 212227

■ 211D10

■ 21232A

■ 211C0C

■ 21242E

■ 211B09

■ 212531

■ 211A06

■ 212634

■ 211903

■ 212737

■ 211900

■ 21273B

Harmonies

Analogous

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



22201D



21201D



1F201E

Triad

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



21201D



1C2122



221F21

Complementary

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



21201D



1D1E21

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.



212022



21201D



1D2123

Square

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



21201D



1D2120



1F2023



231F20

Rectangle

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



21201D



1E211E



1F2023



221F22

Sweetspot

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



21201D



2B2B2A



211D1E



171716



969696



171717

Same Dimension

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



21201D



2B2A25



20211D



0F0F0E



4F3B00



CF9B00

Inverse Universe

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



1D1E21



25262B



1E1D21



0E0E0F



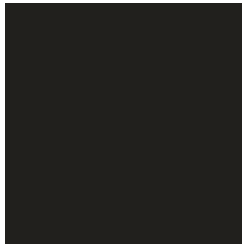
00144F



0034CF

Previews

White Background



This preview shows how the Hex color 21201D looks on a white background.

Color Contrast Check

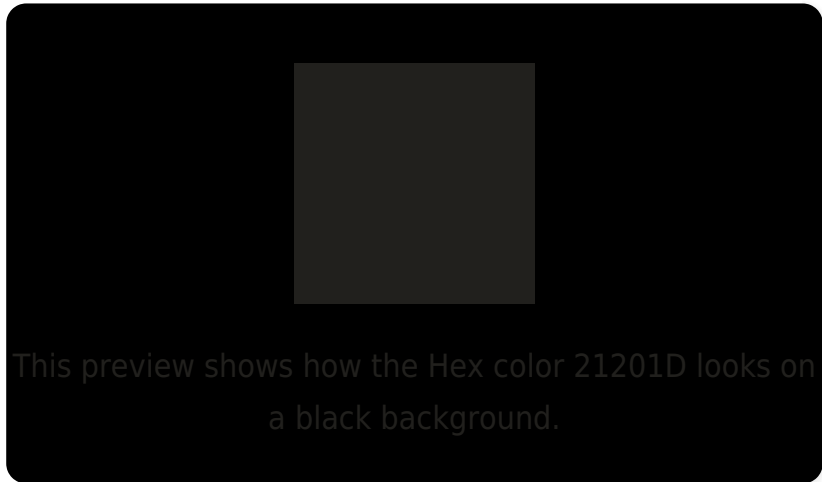
Large Text (above 18pt) WCAG AA ✓ Pass

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

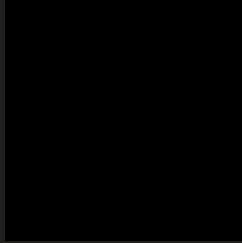
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

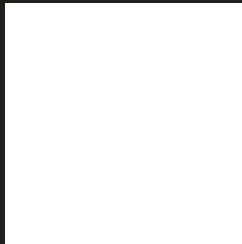
Any Text WCAG AAA × Fail

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

Hex 21201D Background



This preview shows how black text looks on a background with the Hex color 21201D.

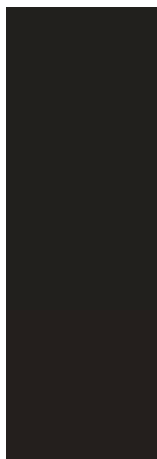


This preview shows how white text looks on a background with the Hex color 21201D.

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

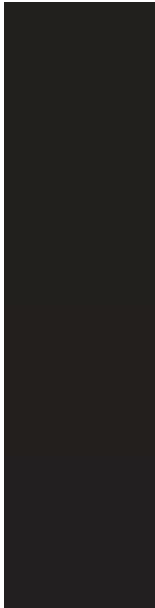


Original Color
21201D

Protanopia
21201D

Deuteranopia
241F1D

Trichromacy



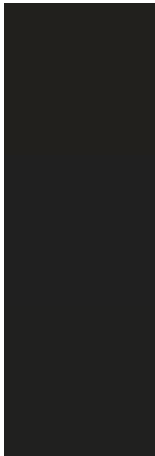
Original Color
21201D

Protanomaly
21201D

Deuteranomaly
231F1D

Tritanomaly
221F20

Monochromacy



Original Color
21201D

Achromatopsia
202020

Achromatomaly
20201F

CSS Examples

Text

The CSS property to change the color of the text to Hex 21201D 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 #21201D looks like.

```
.text, #text, p{  
    color:#21201D  
}
```

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 #21201D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21201D
}
```

Border

The CSS property to change the border of an element to Hex 21201D is called "border". The border property can be set on classes, ids or directly on the HTML element.

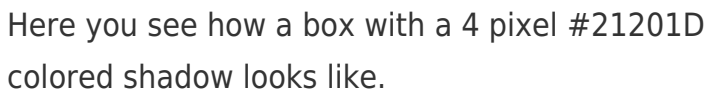
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21201D }
```

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

```
.border{ border-color:#21201D }
```

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



Here you see how a box with a 4 pixel #21201D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21201D; -webkit-box-shadow:4px 4px  
4px 4px #21201D; box-shadow:4px 4px 4px  
4px #21201D }
```

Background

The CSS property to change the background color of an element to Hex 21201D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21201D }
```

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

```
.background{ background-color:#21201D }
```

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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