

Converting Colors

Hex(21201A)

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

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Color

Hex(21201A)

Conversions

Conversions Part 1

Format	Color
Hex	21201A
RGB	33, 32, 26
RGB Percent	13%, 13%, 10%
CMY	0.8706, 0.8745, 0.8980
CMYK	0.00, 0.03, 0.21, 0.87
HSL	51°, 12%, 12%
HSV	51°, 21%, 13%
XYZ	1.3302, 1.4309, 1.1834
YIQ	31.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

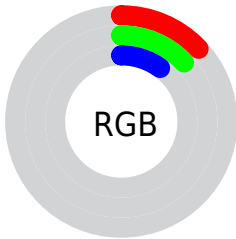
Format	Color
R_{YB}	27, 33, 26
Decimal	2170906
CIE Lab	12.16, -0.90, 4.25
CIE LCh	12, 4.347, 101.896
Yxy	1.4309, 0.3372, 0.3628
Android (android.graphics.Color)	4280360986 (0xFF21201A)
YUV	31.6150, -2.7682, 1.2146
Hunter-Lab	11.9622, -1.0851, 2.5082

Details

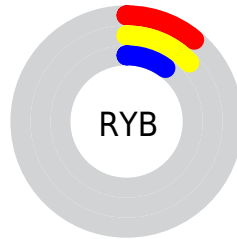
The Hex color **21201A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A1B21**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D4C45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212017**, and if you desaturate by 10%, it is **21201D**.

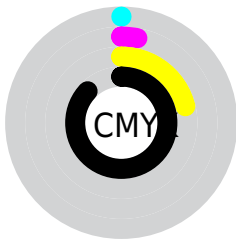
Distribution



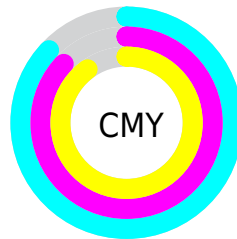
- Red (13%)
- Green (13%)
- Blue (10%)



- Red (11%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (87%)



- Cyan (87%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

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

■ 21201A

■ 21201A

FFFFFFD

■ 0A0800

■ 4D4C45

■ 000000

■ 65645D

■ 7E7D75

■ 98968F

■ B3B1A9

■ CE CDC4

■ EAE9E0

■ 21201A

■ 21201A

■ 212017

■ 21201D

■ 211F13

■ 212121

■ 211F10

■ 212124

■ 211E0D

■ 212227

■ 211E0A

■ 21222B

■ 211D06

■ 21232E

■ 211D03

■ 212331

■ 211C00

■ 212434

■ 212438

Harmonies

Analogous

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



241F1A



21201A



1E211B

Triad

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



21201A



182124



251E22

Complementary

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



21201A



1A1B21

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.



221F24



21201A



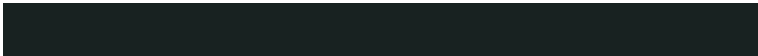
1B2125

Square

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



21201A



182221



1E2026



261E1F

Rectangle

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



21201A



1B211D



1E2026



241E23

Sweetspot

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



21201A



2B2B29



211A1B



171715



969696



171717

Same Dimension

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



21201A



2B2A21



1F211A



0F0F0E



4F4400



CFB100

Inverse Universe

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



1A1B21



21222B



1C1A21



0E0E0F



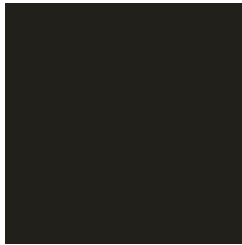
000B4F



001ECF

Previews

White Background



This preview shows how the Hex color 21201A 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

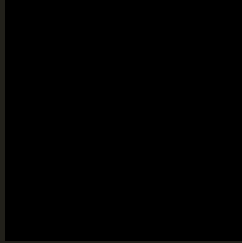
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

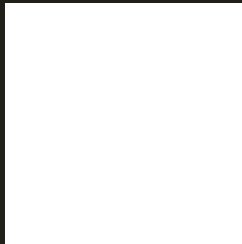
Any Text WCAG AAA × Fail

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

Hex 21201A Background



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

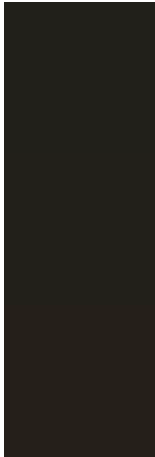


This preview shows how white text looks on a background with the Hex color 21201A.

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

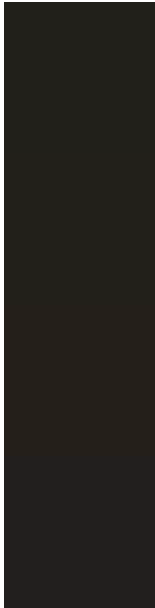


Original Color
21201A

Protanopia
22201A

Deuteranopia
251F1A

Trichromacy



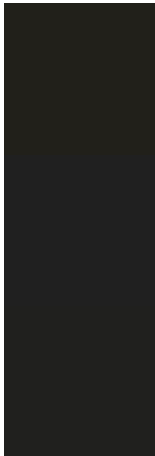
Original Color
21201A

Protanomaly
22201A

Deuteranomaly
241F1A

Tritanomaly
221F1E

Monochromacy



Original Color
21201A

Achromatopsia
202020

Achromatomaly
20201E

CSS Examples

Text

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

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

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 #21201A colored shadow looks like.

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

Border

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

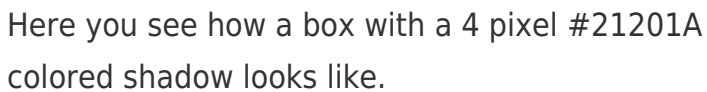
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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