

Converting Colors

Hex(18211A)

Have a look what the booklet for
Hex(18211A) contains.

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Color

Hex(18211A)

Conversions

Conversions Part 1

Format	Color
Hex	18211A
RGB	24, 33, 26
RGB Percent	9%, 13%, 10%
CMY	0.9059, 0.8706, 0.8980
CMYK	0.27, 0.00, 0.21, 0.87
HSL	133°, 16%, 11%
HSV	133°, 27%, 13%
XYZ	1.1070, 1.3565, 1.1808
YIQ	29.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

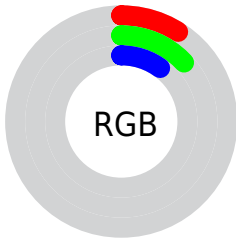
Format	Color
RYB	24, 31, 33
Decimal	1581338
CIELab	11.66, -5.91, 3.43
CIELCh	12, 6.831, 149.867
Yxy	1.3565, 0.3038, 0.3722
Android (android.graphics.Color)	4279771418 (0xFF18211A)
YUV	29.5110, -1.7309, -4.8331
Hunter-Lab	11.6468, -3.4160, 2.1419

Details

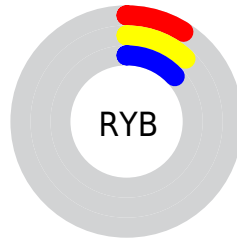
The Hex color **18211A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21181F**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **434D45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **152117**, and if you desaturate by 10%, it is **1B211D**.

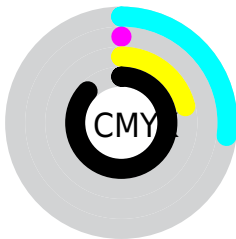
Distribution



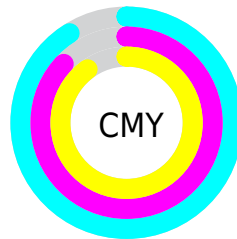
- Red (9%)
- Green (13%)
- Blue (10%)



- Red (9%)
- Yellow (12%)
- Blue (13%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18211A 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 18211A by changing the saturation by 10% instead.

■ 18211A

■ 18211A

■ FBFFFD

■ 000A00

■ 434D45

■ 000000

■ 5A655D

■ 737E75

■ 8C988F

■ A7B3A9

■ C2CEC4

■ DEEAE0

■ 18211A

■ 18211A

■ 152117

■ 1B211D

■ 112115

■ 1F211F

■ 0E2112

■ 222122

■ 0B2110

■ 252124

■ 07210D

■ 292127

■ 04210B

■ 2C2129

■ 012108

■ 2F212C

■ 002107

■ 32212F

■ 362131

Harmonies

Analogous

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



1D2017



18211A



14211F

Triad

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



18211A



191F28



281C1A

Complementary

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



18211A



21181F

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.



281C1F



18211A



201E27

Square

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



18211A



142127



251C24



261D17

Rectangle

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



18211A



122122



251C24



291C1C

Sweetspot

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



18211A



282B29



1F2118



151715



969696



171717

Same Dimension

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



18211A



1D2B20



18211E



0E0F0E



004F12



00CF2E

Inverse Universe

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



21181F



2B1D28



21181B



0F0E0F



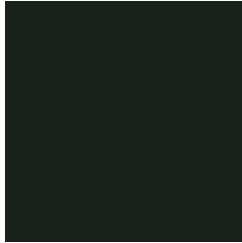
4F003D



CF00A1

Previews

White Background



This preview shows how the Hex color 18211A looks on a white background.

Color Contrast Check

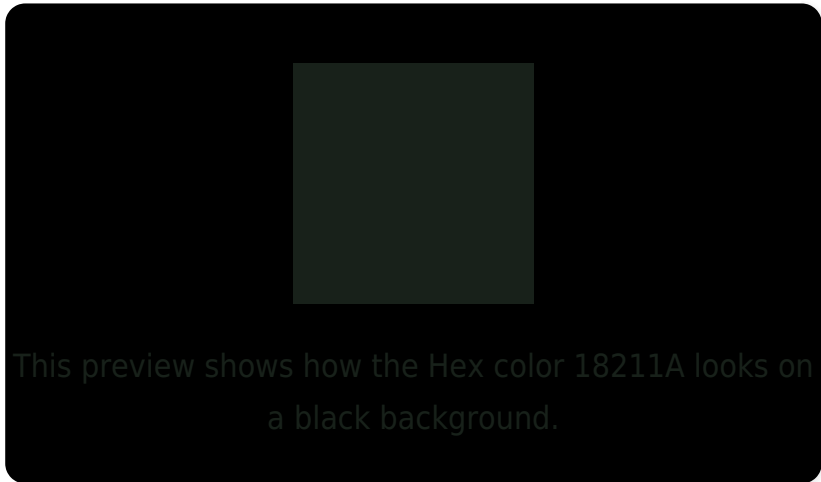
Large Text (above 18pt) WCAG AA ✓ Pass

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

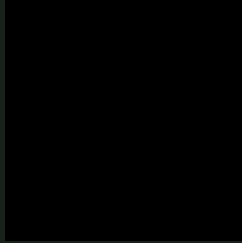
Any Text WCAG AA × Fail

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 18211A Background



This preview shows how black text looks on a background with the Hex color 18211A.



This preview shows how white text looks on a background with the Hex color 18211A.

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

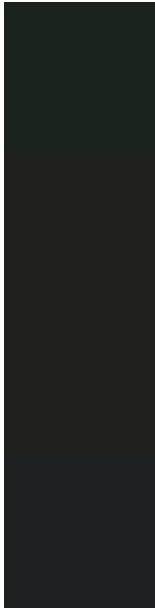


Original Color
18211A

Protanopia
211F19

Deuteranopia
231E1B

Trichromacy



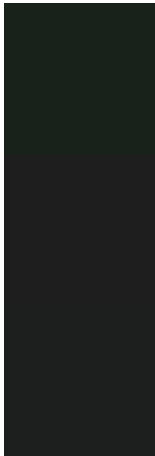
Original Color
18211A

Protanomaly
1E2019

Deuteranomaly
1F1F1B

Tritanomaly
19201F

Monochromacy



Original Color
18211A

Achromatopsia
1E1E1E

Achromatomaly
1C1F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18211A 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 #18211A looks like.

```
.text, #text, p{  
    color:#18211A  
}
```

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 #18211A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18211A
}
```

Border

The CSS property to change the border of an element to Hex 18211A is called "border". The border property can be set on classes, ids or directly on the HTML element.

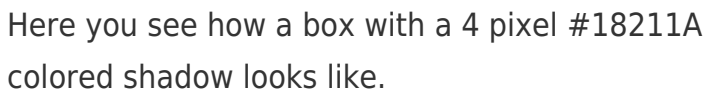
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18211A }
```

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

```
.border{ border-color:#18211A }
```

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



Here you see how a box with a 4 pixel #18211A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18211A; -webkit-box-shadow:4px 4px  
4px 4px #18211A; box-shadow:4px 4px 4px  
4px #18211A }
```

Background

The CSS property to change the background color of an element to Hex 18211A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18211A }
```

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

```
.background{ background-color:#18211A }
```

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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