

Converting Colors

Hex(24181A)

Have a look what the booklet for
Hex(24181A) contains.

Hex(24181A)	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(24181A)

Conversions

Conversions Part 1

Format	Color
Hex	24181A
RGB	36, 24, 26
RGB Percent	14%, 9%, 10%
CMY	0.8588, 0.9059, 0.8980
CMYK	0.00, 0.33, 0.28, 0.86
HSL	350°, 20%, 12%
HSV	350°, 33%, 14%
XYZ	1.2406, 1.1029, 1.1248
YIQ	27.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

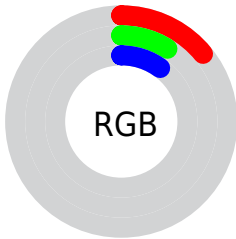
Format	Color
RYB	36, 24, 26
Decimal	2365466
CIELab	9.82, 6.43, 0.96
CIELCh	10, 6.500, 8.503
Yxy	1.1029, 0.3577, 0.3180
Android (android.graphics.Color)	4280555546 (0xFF24181A)
YUV	27.8160, -0.8953, 7.1774
Hunter-Lab	10.5020, 2.7084, 1.0014

Details

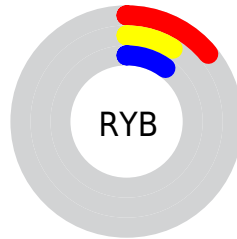
The Hex color **24181A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **182422**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **514345**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241417**, and if you desaturate by 10%, it is **241C1D**.

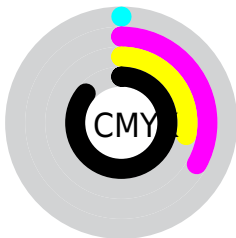
Distribution



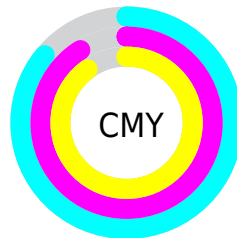
- Red (14%)
- Green (9%)
- Blue (10%)



- Red (14%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (86%)



- Cyan (86%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24181A 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 24181A by changing the saturation by 10% instead.

■ 24181A

■ 24181A

■ FFFAFD

■ 0E0000

■ 514345

■ 000000

■ 695A5C

■ 827375

■ 9C8C8F

■ B7A7A9

■ D3C2C4

■ EFDEE0

■ 24181A

■ 24181A

■ 241417

■ 241C1D

■ 241114

■ 241F20

■ 240D11

■ 242323

■ 240A0E

■ 242626

■ 24060B

■ 242A29

■ 240208

■ 242E2C

■ 240006

■ 24312F

■ 243532

■ 243835

Harmonies

Analogous

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



22181E



24181A



241916

Triad

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



24181A



181C14



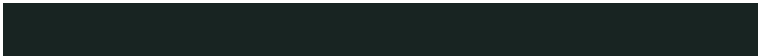
121C23

Complementary

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



24181A



182422

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.



0F1D20



24181A



131D18

Square

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



24181A



1D1B12



101E1C



181B24

Rectangle

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



24181A



221914



101E1C



111D22

Sweetspot

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



24181A



2E292A



221824



171415



969696



171717

Same Dimension

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



24181A



2E1C1F



241C18



121010



52000E



D10023

Inverse Universe

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



24181A



2E1C1F



182024



121010



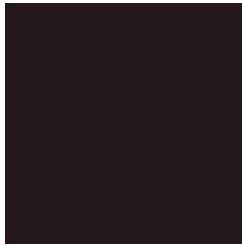
52000E



D10023

Previews

White Background



This preview shows how the Hex color 24181A looks on a white background.

Color Contrast Check

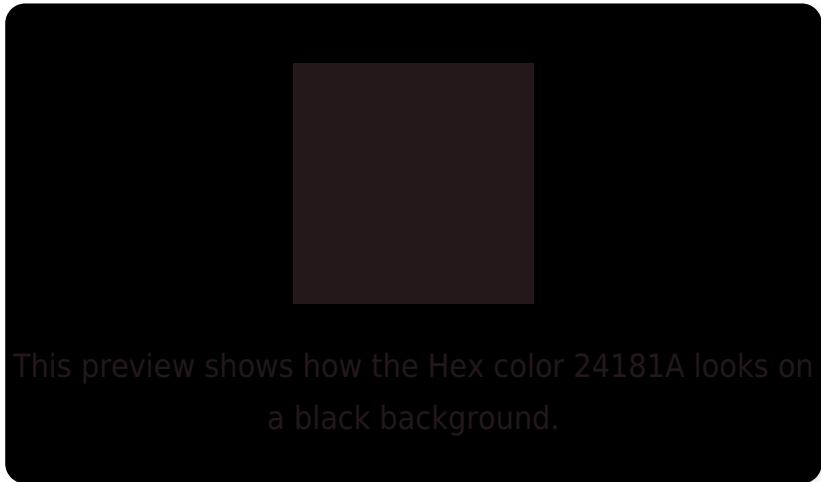
Large Text (above 18pt) WCAG AA ✓ Pass

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

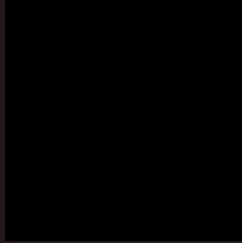
Any Text WCAG AA × Fail

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 24181A Background



This preview shows how black text looks on a background with the Hex color 24181A.

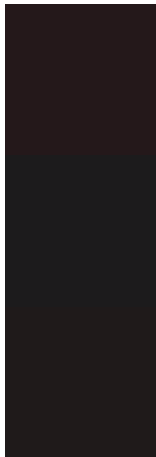


This preview shows how white text looks on a background with the Hex color 24181A.

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
24181A

Protanopia
1C1B1C

Deuteranopia
1F1A1A



Tritanopia
24181A

Trichromacy



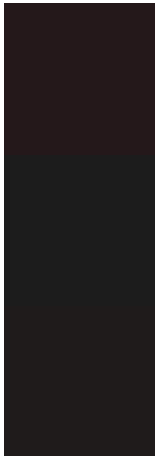
Original Color
24181A

Protanomaly
1F1A1B

Deuteranomaly
21191A

Tritanomaly
24181A

Monochromacy



Original Color
24181A

Achromatopsia
1C1C1C

Achromatomaly
1F1B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 24181A 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 #24181A looks like.

```
.text, #text, p{  
    color:#24181A  
}
```

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 #24181A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24181A
}
```

Border

The CSS property to change the border of an element to Hex 24181A is called "border". The border property can be set on classes, ids or directly on the HTML element.

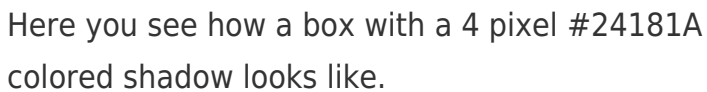
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24181A }
```

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

```
.border{ border-color:#24181A }
```

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



Here you see how a box with a 4 pixel #24181A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24181A; -webkit-box-shadow:4px 4px  
4px 4px #24181A; box-shadow:4px 4px 4px  
4px #24181A }
```

Background

The CSS property to change the background color of an element to Hex 24181A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24181A }
```

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

```
.background{ background-color:#24181A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor