

Converting Colors

Hex(24201C)

Have a look what the booklet for
Hex(24201C) contains.

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Color

Hex(24201C)

Conversions

Conversions Part 1

Format	Color
Hex	24201C
RGB	36, 32, 28
RGB Percent	14%, 13%, 11%
CMY	0.8588, 0.8745, 0.8902
CMYK	0.00, 0.11, 0.22, 0.86
HSL	30°, 12%, 13%
HSV	30°, 22%, 14%
XYZ	1.4537, 1.4919, 1.3100
YIQ	32.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

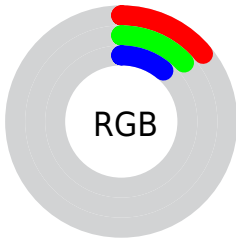
Format	Color
R_{YB}	36, 36, 28
Decimal	2367516
CIE Lab	12.56, 1.02, 3.41
CIE LCh	13, 3.558, 73.299
Yxy	1.4919, 0.3416, 0.3506
Android (android.graphics.Color)	4280557596 (0xFF24201C)
YUV	32.7400, -2.3368, 2.8590
Hunter-Lab	12.2145, -0.1317, 2.1915




Details

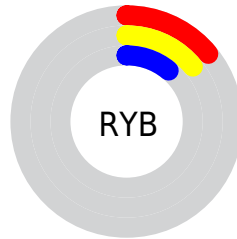
The Hex color **24201C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C2024**, and the grayscale version is **212121**.




A 20% lighter version of the original color is **514C47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241E18**, and if you desaturate by 10%, it is **242220**.

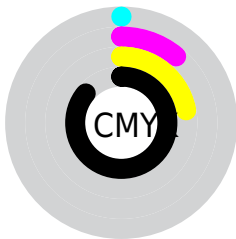
Distribution







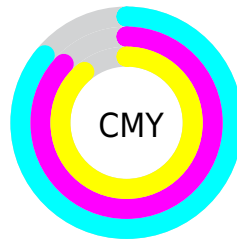
-  Red (14%)
-  Green (13%)
-  Blue (11%)






-  Red (14%)
-  Yellow (14%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (11%)
-  Yellow (22%)
-  Black (86%)



-  Cyan (86%)
-  Magenta (87%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24201C 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 24201C by changing the saturation by 10% instead.

■ 24201C

■ 24201C

FFFFFF

■ 0F0801

■ 514C47

■ 000000

■ 69645F

■ 827D78

■ 9C9691

■ B7B1AC

■ D2CDC7

■ EFE9E3

■ 24201C

■ 24201C

■ 241E18

■ 242220

■ 241C15

■ 242423

■ 241B11

■ 242527

■ 24190E

■ 24272A

■ 24170A

■ 24292E

■ 241506

■ 242B32

■ 241303

■ 242D35

■ 241200

■ 242E39

■ 24303C

Harmonies

Analogous

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



261F1D



24201C



22211C

Triad

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



24201C



1B2222



222024

Complementary

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



24201C



1C2024

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.



1F2025



24201C



1B2224

Square

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



24201C



1C221F



1D2125



251F22

Rectangle

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



24201C



20211D



1D2125



212025

Sweetspot

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



24201C



2E2C2B



241C20



171615



969696



171717

Same Dimension

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



24201C



2E2822



24241C



121110



522900



D16900

Inverse Universe

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



1C2024



22282E



1C1C24



101112



002952



0069D1

Previews

White Background



This preview shows how the Hex color 24201C looks on a white background.

Color Contrast Check

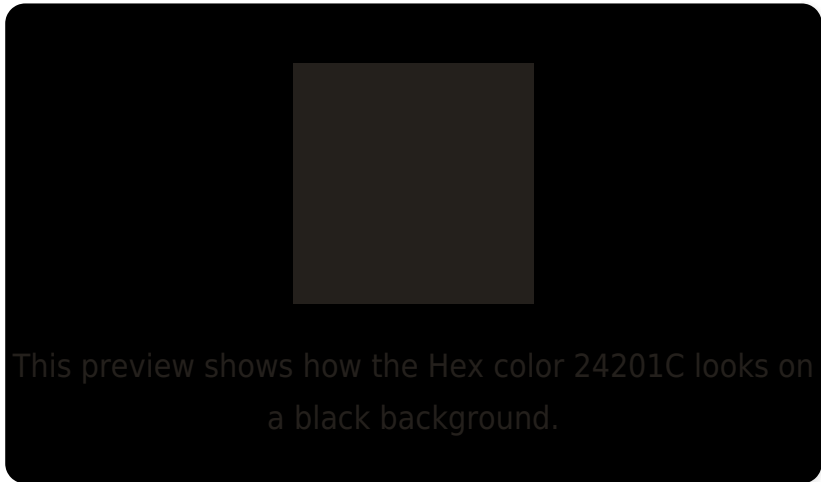
Large Text (above 18pt) WCAG AA ✓ Pass

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

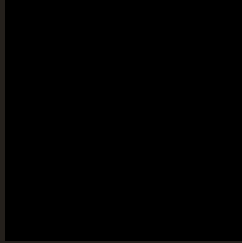
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

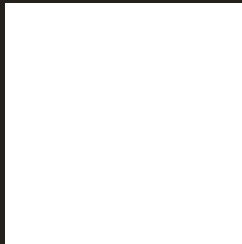
Any Text WCAG AAA × Fail

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

Hex 24201C Background



This preview shows how black text looks on a background with the Hex color 24201C.

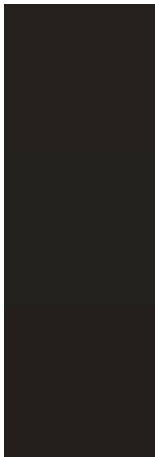


This preview shows how white text looks on a background with the Hex color 24201C.

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

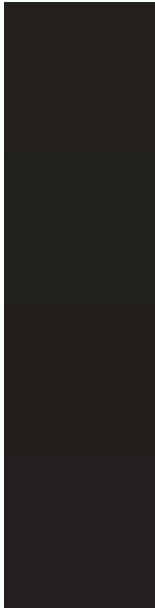


Original Color
24201C

Protanopia
22211C

Deuteranopia
251F1C

Trichromacy



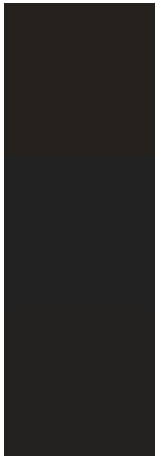
Original Color
24201C

Protanomaly
23211C

Deuteranomaly
251F1C

Tritanomaly
251F20

Monochromacy



Original Color
24201C

Achromatopsia
212121

Achromatomaly
22211F

CSS Examples

Text

The CSS property to change the color of the text to Hex 24201C 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 #24201C looks like.

```
.text, #text, p{  
    color:#24201C  
}
```

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 #24201C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24201C
}
```

Border

The CSS property to change the border of an element to Hex 24201C is called "border". The border property can be set on classes, ids or directly on the HTML element.

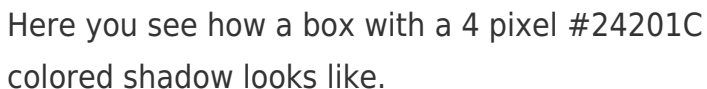
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24201C }
```

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

```
.border{ border-color:#24201C }
```

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



Here you see how a box with a 4 pixel #24201C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24201C; -webkit-box-shadow:4px 4px  
4px 4px #24201C; box-shadow:4px 4px 4px  
4px #24201C }
```

Background

The CSS property to change the background color of an element to Hex 24201C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24201C }
```

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

```
.background{ background-color:#24201C }
```

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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