

Converting Colors

Hex(24211F)

Have a look what the booklet for
Hex(24211F) contains.

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Color

Hex(24211F)

Conversions

Conversions Part 1

Format	Color
Hex	24211F
RGB	36, 33, 31
RGB Percent	14%, 13%, 12%
CMY	0.8588, 0.8706, 0.8784
CMYK	0.00, 0.08, 0.14, 0.86
HSL	24°, 7%, 13%
HSV	24°, 14%, 14%
XYZ	1.5187, 1.5617, 1.5177
YIQ	33.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

Format	Color
RYB	36, 34, 31
Decimal	2367775
CIELab	13.00, 0.96, 1.86
CIELCh	13, 2.091, 62.749
Yxy	1.5617, 0.3303, 0.3396
Android (android.graphics.Color)	4280557855 (0xFF24211F)
YUV	33.6690, -1.3158, 2.0443
Hunter-Lab	12.4968, -0.1765, 1.5471

Details

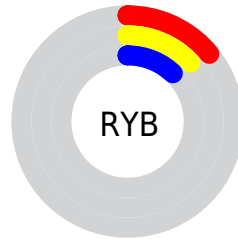
The Hex color **24211F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F2224**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **504D4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241F1B**, and if you desaturate by 10%, it is **242323**.

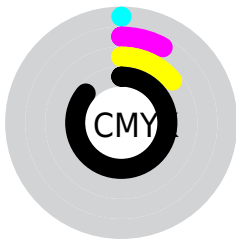
Distribution



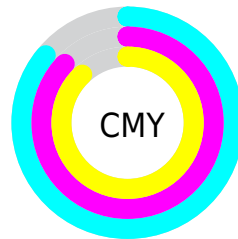
- Red (14%)
- Green (13%)
- Blue (12%)



- Red (14%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (86%)



- Cyan (86%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24211F 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 24211F by changing the saturation by 10% instead.

■ 24211F

■ 24211F

FFFFFF

■ 0F0A06

■ 504D4B

■ 000000

■ 696563

■ 827E7B

■ 9C9895

■ B7B2B0

■ D2CECB

■ EEEAE7

■ 24211F

■ 24211F

■ 241F1B

■ 242323

■ 241D18

■ 242526

■ 241B14

■ 24272A

■ 241811

■ 242A2D

■ 24160D

■ 242C31

■ 241409

■ 242E35

■ 241206

■ 243038

■ 241002

■ 24323C

■ 240E00

■ 24343F

Harmonies

Analogous

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



252120



24211F



23211F

Triad

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



24211F



1E2222



222124

Complementary

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



24211F



1F2224

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.



202224



24211F



1E2223

Square

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



24211F



1F2220



1F2224



242123

Rectangle

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



24211F



22221F



1F2224



212124

Sweetspot

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



24211F



2E2D2C



241F22



171616



969696



171717

Same Dimension

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



24211F



2E2926



24231F



121110



522100



D15400

Inverse Universe

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



1F2224



262B2E



1F2024



101112



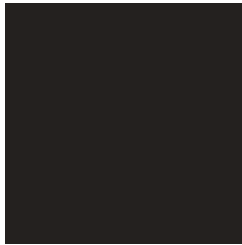
003152



007DD1

Previews

White Background



This preview shows how the Hex color 24211F 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

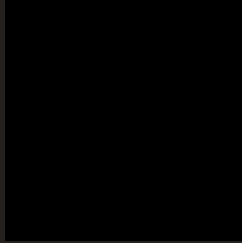
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

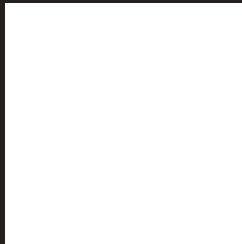
Any Text WCAG AAA × Fail

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

Hex 24211F Background



This preview shows how black text looks on a background with the Hex color 24211F.



This preview shows how white text looks on a background with the Hex color 24211F.

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

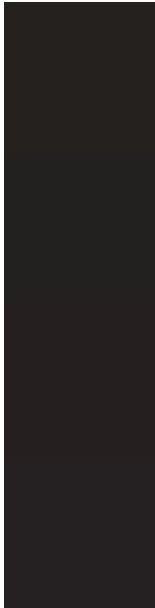


Original Color
24211F

Protanopia
23211F

Deuteranopia
26201F

Trichromacy



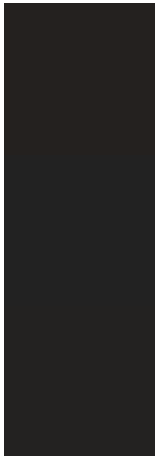
Original Color
24211F

Protanomaly
23211F

Deuteranomaly
25201F

Tritanomaly
252022

Monochromacy



Original Color
24211F

Achromatopsia
222222

Achromatomaly
232221

CSS Examples

Text

The CSS property to change the color of the text to Hex 24211F 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 #24211F looks like.

```
.text, #text, p{  
    color:#24211F  
}
```

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 #24211F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24211F
}
```

Border

The CSS property to change the border of an element to Hex 24211F is called "border". The border property can be set on classes, ids or directly on the HTML element.

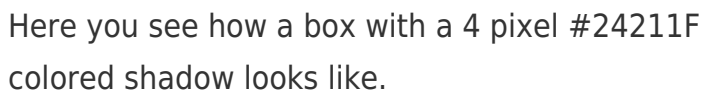
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24211F }
```

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

```
.border{ border-color:#24211F }
```

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



Here you see how a box with a 4 pixel #24211F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24211F; -webkit-box-shadow:4px 4px  
4px 4px #24211F; box-shadow:4px 4px 4px  
4px #24211F }
```

Background

The CSS property to change the background color of an element to Hex 24211F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24211F }
```

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

```
.background{ background-color:#24211F }
```

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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