

Converting Colors

Hex(251F19)

Have a look what the booklet for
Hex(251F19) contains.

Hex(251F19)	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(251F19)

Conversions

Conversions Part 1

Format	Color
Hex	251F19
RGB	37, 31, 25
RGB Percent	15%, 12%, 10%
CMY	0.8549, 0.8784, 0.9020
CMYK	0.00, 0.16, 0.32, 0.85
HSL	30°, 19%, 12%
HSV	30°, 32%, 15%
XYZ	1.4284, 1.4435, 1.1230
YIQ	32.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

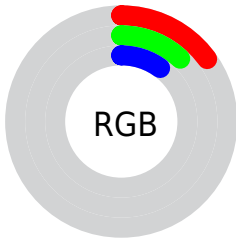
Format	Color
RYB	37, 37, 25
Decimal	2432793
CIELab	12.24, 1.65, 5.16
CIElCh	12, 5.418, 72.307
Yxy	1.4435, 0.3576, 0.3613
Android (android.graphics.Color)	4280622873 (0xFF251F19)
YUV	32.1100, -3.5052, 4.2885
Hunter-Lab	12.0145, 0.1966, 2.8681

Details

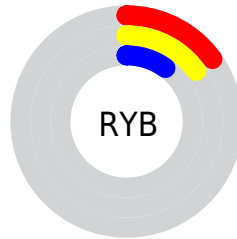
The Hex color **251F19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **191F25**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **524B44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251D15**, and if you desaturate by 10%, it is **25211D**.

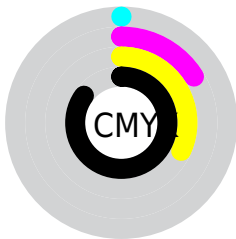
Distribution



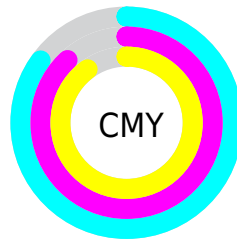
- Red (15%)
- Green (12%)
- Blue (10%)



- Red (15%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (85%)



- Cyan (85%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251F19 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 251F19 by changing the saturation by 10% instead.



251F19



251F19

FFFFFFC



100700



524B44



000000



6A625B



837B74



9D958D



B8B0A8



D4CBC3



F0E7DF



251F19



251F19

■ 251D15

■ 25211D

■ 251B12

■ 252320

■ 25190E

■ 252524

■ 25180A

■ 252628

■ 251606

■ 25282C

■ 251403

■ 252A2F

■ 251200

■ 252C33

■ 252E37

■ 25303A

Harmonies

Analogous

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



271E1B



251F19



212019

Triad

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



251F19



172221



231F26

Complementary

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



251F19



191F25

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.



1E2027



251F19



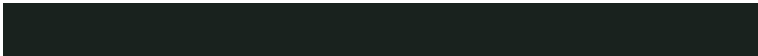
162225

Square

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



251F19



19221E



192127



261E22

Rectangle

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



251F19



1F211A



192127



211F26

Sweetspot

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



251F19



302E2C



25191F



1A1816



999999



1A1A1A

Same Dimension

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



251F19



30271E



252519



121110



522900



D16900

Inverse Universe

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



191F25



1E2730



191925



101112



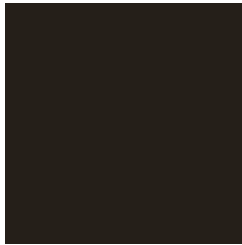
002952



0069D1

Previews

White Background



This preview shows how the Hex color 251F19 looks on a white background.

Color Contrast Check

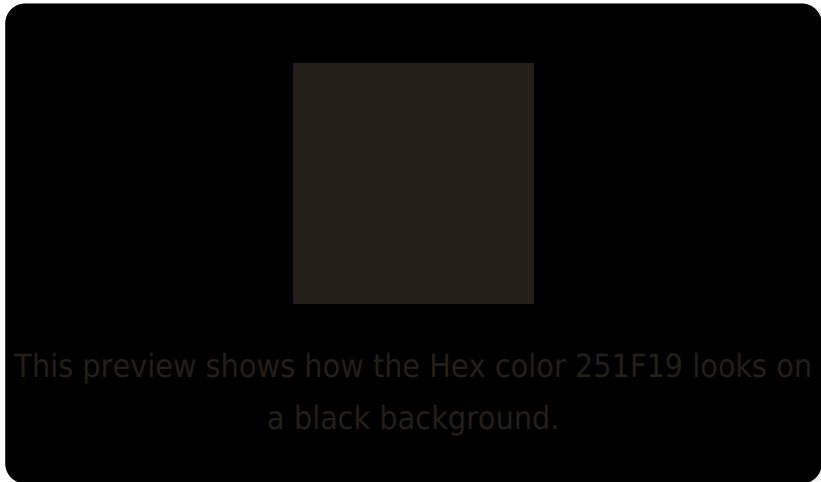
Large Text (above 18pt) WCAG AA ✓ Pass

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

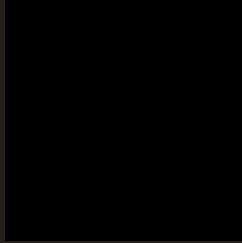
Any Text WCAG AA × Fail

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 251F19 Background



This preview shows how black text looks on a background with the Hex color 251F19.

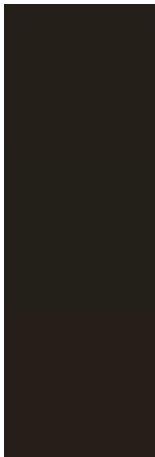


This preview shows how white text looks on a background with the Hex color 251F19.

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
251F19

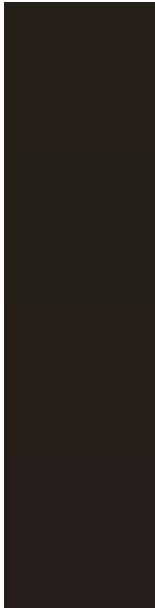
Protanopia
222019

Deuteranopia
261F19



Tritanopia
261E20

Trichromacy



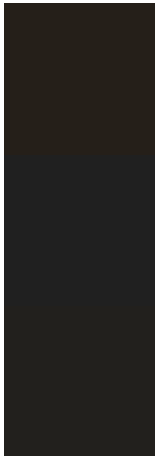
Original Color
251F19

Protanomaly
232019

Deuteranomaly
261F19

Tritanomaly
261E1D

Monochromacy



Original Color
251F19

Achromatopsia
202020

Achromatomaly
22201D

CSS Examples

Text

The CSS property to change the color of the text to Hex 251F19 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 #251F19 looks like.

```
.text, #text, p{  
    color:#251F19  
}
```

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 #251F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251F19
}
```

Border

The CSS property to change the border of an element to Hex 251F19 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
#251F19 }
```

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

```
.border{ border-color:#251F19 }
```

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

Here you see how a box with a 4 pixel #251F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251F19; -webkit-box-shadow:4px 4px  
4px 4px #251F19; box-shadow:4px 4px 4px  
4px #251F19 }
```

Background

The CSS property to change the background color of an element to Hex 251F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251F19 }
```

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

```
.background{ background-color:#251F19 }
```

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