

Converting Colors

Hex(251F21)

Have a look what the booklet for
Hex(251F21) contains.

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Color

Hex(251F21)

Conversions

Conversions Part 1

Format	Color
Hex	251F21
RGB	37, 31, 33
RGB Percent	15%, 12%, 13%
CMY	0.8549, 0.8784, 0.8706
CMYK	0.00, 0.16, 0.11, 0.85
HSL	340°, 9%, 13%
HSV	340°, 16%, 15%
XYZ	1.5274, 1.4831, 1.6446
YIQ	33.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

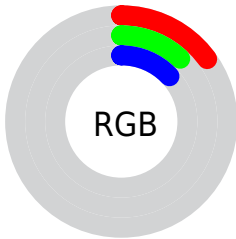
Format	Color
RYB	37, 31, 33
Decimal	2432801
CIELab	12.50, 3.33, -0.30
CIElCh	13, 3.345, 354.852
Yxy	1.4831, 0.3281, 0.3186
Android (android.graphics.Color)	4280622881 (0xFF251F21)
YUV	33.0220, -0.0108, 3.4887
Hunter-Lab	12.1782, 1.0764, 0.5180

Details

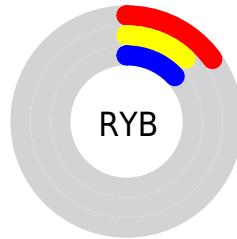
The Hex color **251F21** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F2523**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **524B4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251B1F**, and if you desaturate by 10%, it is **252323**.

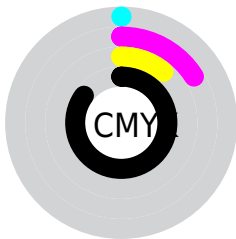
Distribution



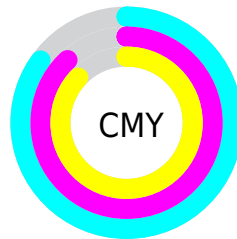
- Red (15%)
- Green (12%)
- Blue (13%)



- Red (15%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (85%)



- Cyan (85%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251F21 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 251F21 by changing the saturation by 10% instead.

■ 251F21

■ 251F21

FFFFFF

■ 10070A

■ 524B4D

■ 000000

■ 6A6365

■ 837B7E

■ 9D9598

■ B8B0B2

■ D4CBCE

■ F0E7EA

■ 251F21

■ 251F21

■ 251B1F

■ 252323

■ 25181C

■ 252626

■ 25141A

■ 252A28

■ 251017

■ 252E2B

■ 250C15

■ 25322D

■ 250912

■ 253530

■ 250510

■ 253932

■ 25010D

■ 253D35

■ 25000C

■ 254037

Harmonies

Analogous

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



231F23



251F21



261F1F

Triad

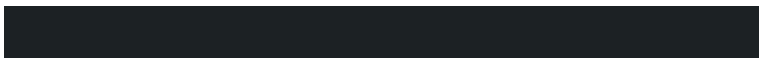
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251F21



20211C



1C2124

Complementary

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



251F21



1F2523

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.



1B2222



251F21



1E221E

Square

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



251F21



23201C



1C2220



1E2125

Rectangle

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



251F21



251F1D



1C2220



1B2224

Sweetspot

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



251F21



302E2F



231F25



1A1818



999999



1A1A1A

Same Dimension

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



251F21



30272A



25201F



121011



52001B



D10046

Inverse Universe

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



251F21



30272A



1F2425



121011



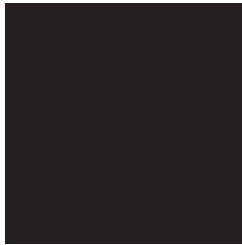
52001B



D10046

Previews

White Background



This preview shows how the Hex color 251F21 looks on a white background.

Color Contrast Check

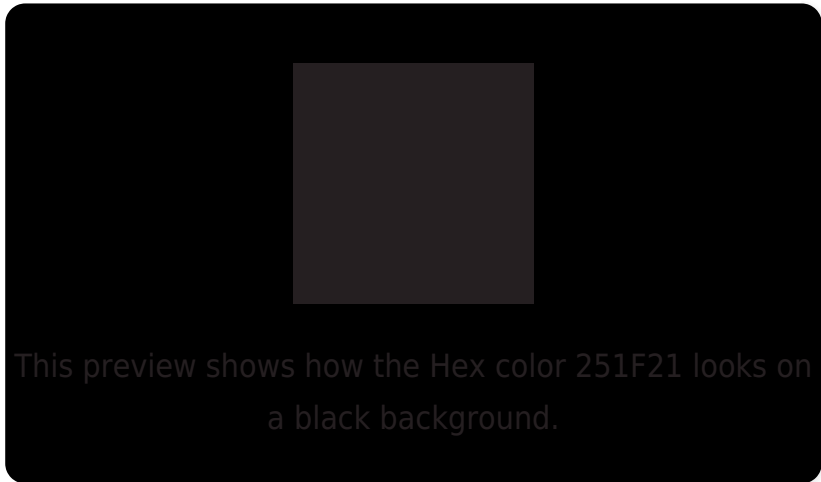
Large Text (above 18pt) WCAG AA ✓ Pass

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

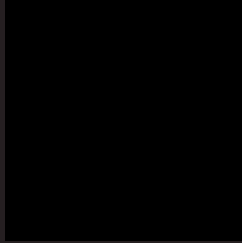
Any Text WCAG AA × Fail

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 251F21 Background



This preview shows how black text looks on a background with the Hex color 251F21.

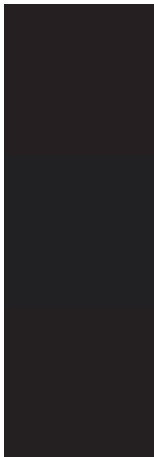


This preview shows how white text looks on a background with the Hex color 251F21.

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
251F21

Protanopia
212022

Deuteranopia
242021



Tritanopia
251F21

Trichromacy



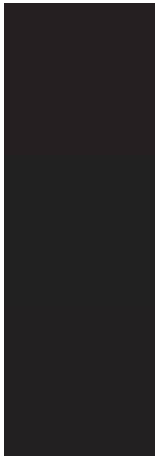
Original Color
251F21

Protanomaly
222022

Deuteranomaly
242021

Tritanomaly
251F21

Monochromacy



Original Color
251F21

Achromatopsia
212121

Achromatomaly
222021

CSS Examples

Text

The CSS property to change the color of the text to Hex 251F21 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 #251F21 looks like.

```
.text, #text, p{  
    color:#251F21  
}
```

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 #251F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251F21
}
```

Border

The CSS property to change the border of an element to Hex 251F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

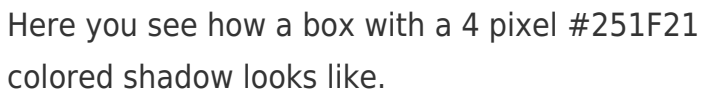
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#251F21 }
```

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

```
.border{ border-color:#251F21 }
```

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



Here you see how a box with a 4 pixel #251F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251F21; -webkit-box-shadow:4px 4px  
4px 4px #251F21; box-shadow:4px 4px 4px  
4px #251F21 }
```

Background

The CSS property to change the background color of an element to Hex 251F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251F21 }
```

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

```
.background{ background-color:#251F21 }
```

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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