

Converting Colors

Hex(241F1F)

Have a look what the booklet for
Hex(241F1F) contains.

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Color

Hex(241F1F)

Conversions

Conversions Part 1

Format	Color
Hex	241F1F
RGB	36, 31, 31
RGB Percent	14%, 12%, 12%
CMY	0.8588, 0.8784, 0.8784
CMYK	0.00, 0.14, 0.14, 0.86
HSL	0°, 7%, 13%
HSV	0°, 14%, 14%
XYZ	1.4649, 1.4540, 1.4998
YIQ	32.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

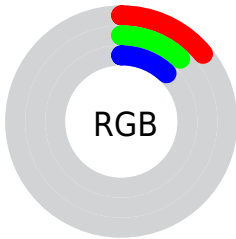
Format	Color
RYB	36, 31, 31
Decimal	2367263
CIELab	12.31, 2.39, 0.87
CIELCh	12, 2.547, 20.027
Yxy	1.4540, 0.3315, 0.3291
Android (android.graphics.Color)	4280557343 (0xFF241F1F)
YUV	32.4950, -0.7370, 3.0739
Hunter-Lab	12.0581, 0.5833, 1.0663

Details

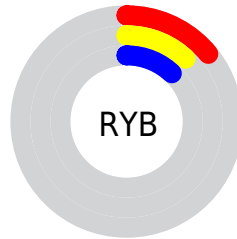
The Hex color **241F1F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F2424**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **504B4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241B1B**, and if you desaturate by 10%, it is **242323**.

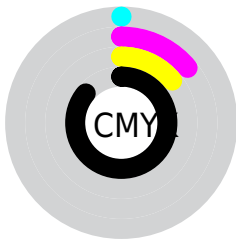
Distribution



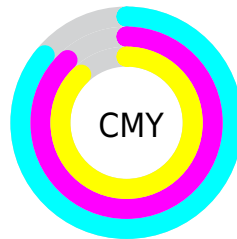
- Red (14%)
- Green (12%)
- Blue (12%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 241F1F 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 241F1F by changing the saturation by 10% instead.



241F1F



241F1F

FFFFFF



0F0606



504B4B



000000



696362



827B7B



9C9595



B7B0B0



D2CBCB



EEE7E7



241F1F



241F1F

■ 241B1B

■ 242323

■ 241818

■ 242626

■ 241414

■ 242A2A

■ 241111

■ 242D2D

■ 240D0D

■ 243131

■ 240909

■ 243535

■ 240606

■ 243838

■ 240202

■ 243C3C

■ 240000

■ 243F3F

Harmonies

Analogous

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



231F21



241F1F



241F1E

Triad

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



241F1F



1E211E



1E2024

Complementary

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



241F1F



1F2424

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.



1C2123



241F1F



1D211F

Square

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



241F1F



20201D



1C2121



202023

Rectangle

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



241F1F



23201D



1C2121



1D2123

Sweetspot

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



241F1F



2E2C2C



241F24



171616



969696



171717

Same Dimension

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



241F1F



2E2626



24221F



121010



520000



D10000

Inverse Universe

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



1F2424



262E2E



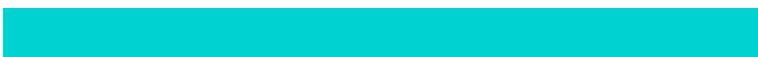
1F2224



101212



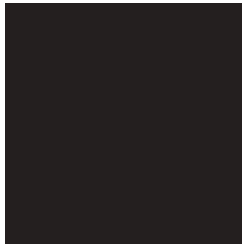
005252



00D1D1

Previews

White Background



This preview shows how the Hex color 241F1F looks on a white background.

Color Contrast Check

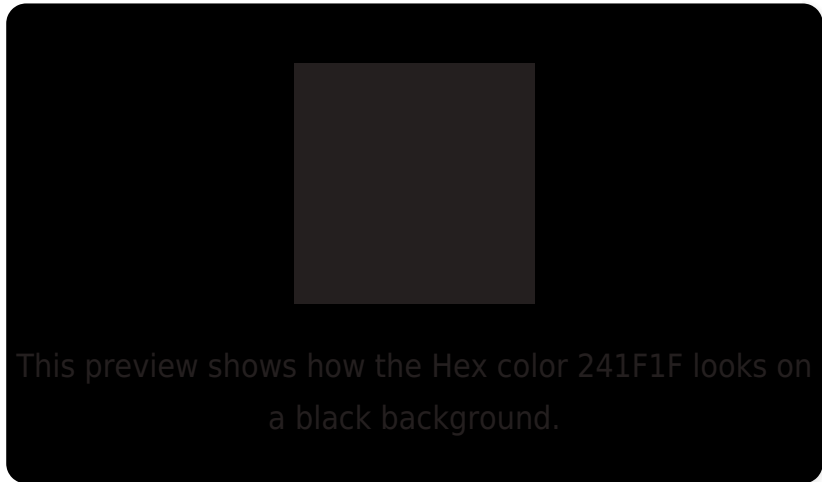
Large Text (above 18pt) WCAG AA ✓ Pass

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

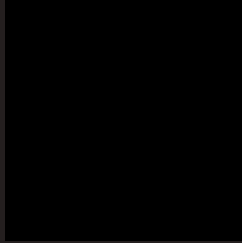
Any Text WCAG AA × Fail

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 241F1F Background



This preview shows how black text looks on a background with the Hex color 241F1F.

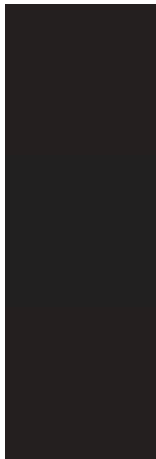


This preview shows how white text looks on a background with the Hex color 241F1F.

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
241F1F

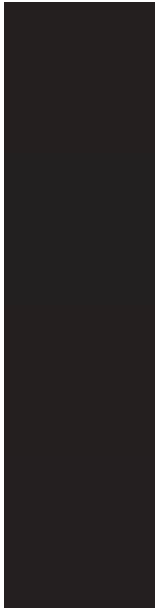
Protanopia
212020

Deuteranopia
241F1F



Tritanopia
241F21

Trichromacy



Original Color

241F1F

Protanomaly

222020

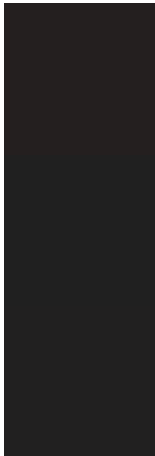
Deuteranomaly

241F1F

Tritanomaly

241F20

Monochromacy



Original Color

241F1F

Achromatopsia

202020

Achromatomaly

212020

CSS Examples

Text

The CSS property to change the color of the text to Hex 241F1F 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 #241F1F looks like.

```
.text, #text, p{  
    color:#241F1F  
}
```

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 #241F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241F1F
}
```

Border

The CSS property to change the border of an element to Hex 241F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

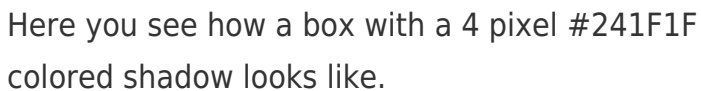
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241F1F }
```

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

```
.border{ border-color:#241F1F }
```

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



Here you see how a box with a 4 pixel #241F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241F1F; -webkit-box-shadow:4px 4px  
4px 4px #241F1F; box-shadow:4px 4px 4px  
4px #241F1F }
```

Background

The CSS property to change the background color of an element to Hex 241F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241F1F }
```

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

```
.background{ background-color:#241F1F }
```

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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