

Converting Colors

Hex(1F241D)

Have a look what the booklet for
Hex(1F241D) contains.

Hex(1F241D)	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(1F241D)

Conversions

Conversions Part 1

Format	Color
Hex	1F241D
RGB	31, 36, 29
RGB Percent	12%, 14%, 11%
CMY	0.8784, 0.8588, 0.8863
CMYK	0.14, 0.00, 0.19, 0.86
HSL	103°, 11%, 13%
HSV	103°, 19%, 14%
XYZ	1.4177, 1.6418, 1.4046
YIQ	33.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

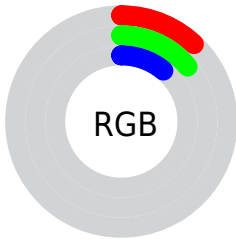
Format	Color
R_{YB}	29, 36, 34
Decimal	2040861
CIE Lab	13.48, -4.00, 3.93
CIE LCh	13, 5.604, 135.527
Yxy	1.6418, 0.3176, 0.3678
Android (android.graphics.Color)	4280230941 (0xFF1F241D)
YUV	33.7070, -2.3206, -2.3740
Hunter-Lab	12.8131, -2.6727, 2.4699

Details

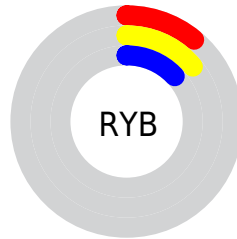
The Hex color **1F241D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **221D24**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4B5048**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2419**, and if you desaturate by 10%, it is **222421**.

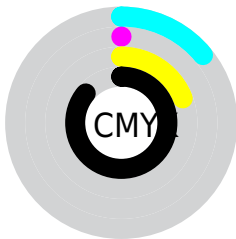
Distribution



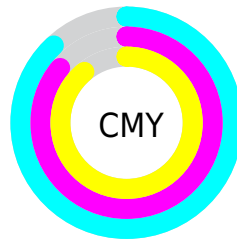
- Red (12%)
- Green (14%)
- Blue (11%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (86%)



- Cyan (88%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F241D 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 1F241D by changing the saturation by 10% instead.

■ 1F241D

■ 1F241D

FFFFFF

■ 070F03

■ 4B5048

■ 000000

■ 636960

■ 7C8279

■ 959C93

■ B0B6AD

■ CBD2C9

■ E8EEE5

■ 1F241D

■ 1F241D

■ 1C2419

■ 222421

■ 1A2416

■ 242424

■ 172412

■ 272428

■ 15240F

■ 29242B

■ 12240B

■ 2C242F

■ 102407

■ 2E2433

■ 0D2404

■ 312436

■ 0A2400

■ 34243A

■ 36243D

Harmonies

Analogous

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



23231B



1F241D



1B2520

Triad

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



1F241D



1C232A



2B2021

Complementary

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



1F241D



221D24

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.



292025



1F241D



21222A

Square

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



1F241D



192428



262128



2A201D

Rectangle

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



1F241D



192523



262128



2B2022

Sweetspot

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



1F241D



2C2E2B



24221D



161715



969696



171717

Same Dimension

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



1F241D



262E23



1D241E



111210



175200



3CD100

Inverse Universe

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



221D24



2B232E



241D23



111012



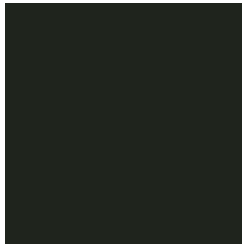
3A0052



9500D1

Previews

White Background



This preview shows how the Hex color 1F241D looks on a white background.

Color Contrast Check

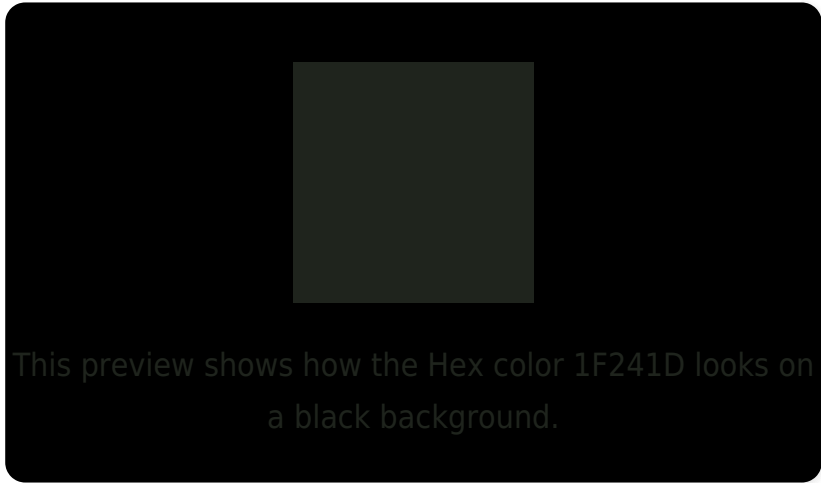
Large Text (above 18pt) WCAG AA ✓ Pass

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

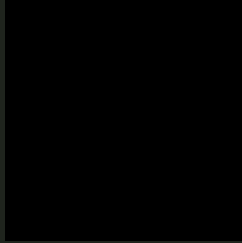
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

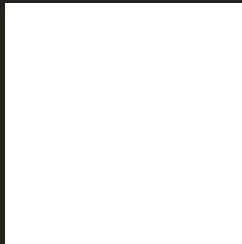
Any Text WCAG AAA × Fail

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

Hex 1F241D Background



This preview shows how black text looks on a background with the Hex color 1F241D.



This preview shows how white text looks on a background with the Hex color 1F241D.

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

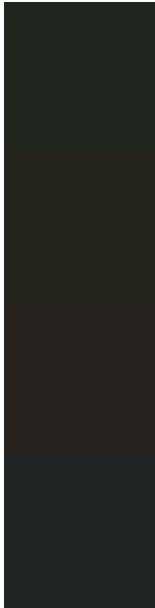


Original Color
1F241D

Protanopia
25221C

Deuteranopia
28211E

Trichromacy



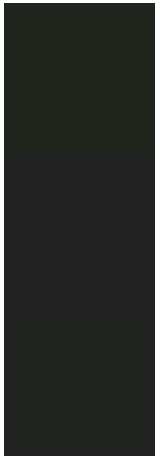
Original Color
1F241D

Protanomaly
23231C

Deuteranomaly
25221E

Tritanomaly
202323

Monochromacy



Original Color
1F241D

Achromatopsia
222222

Achromatomaly
212320

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F241D 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 #1F241D looks like.

```
.text, #text, p{  
    color:#1F241D  
}
```

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 #1F241D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F241D
}
```

Border

The CSS property to change the border of an element to Hex 1F241D is called "border". The border property can be set on classes, ids or directly on the HTML element.

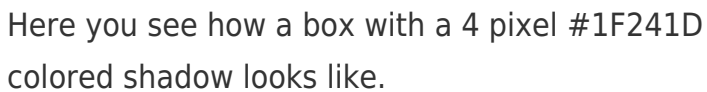
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F241D }
```

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

```
.border{ border-color:#1F241D }
```

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



Here you see how a box with a 4 pixel #1F241D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F241D; -webkit-box-shadow:4px 4px  
4px 4px #1F241D; box-shadow:4px 4px 4px  
4px #1F241D }
```

Background

The CSS property to change the background color of an element to Hex 1F241D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F241D }
```

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

```
.background{ background-color:#1F241D }
```

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