

Converting Colors

Hex(1F211F)

Have a look what the booklet for
Hex(1F211F) contains.

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Color

Hex(1F211F)

Conversions

Conversions Part 1

Format	Color
Hex	1F211F
RGB	31, 33, 31
RGB Percent	12%, 13%, 12%
CMY	0.8784, 0.8706, 0.8784
CMYK	0.06, 0.00, 0.06, 0.87
HSL	120°, 3%, 13%
HSV	120°, 6%, 13%
XYZ	1.3563, 1.4779, 1.5101
YIQ	32.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

Format	Color
RYB	31, 33, 33
Decimal	2040095
CIELab	12.47, -1.43, 1.03
CIELCh	12, 1.761, 144.229
Yxy	1.4779, 0.3122, 0.3402
Android (android.graphics.Color)	4280230175 (0xFF1F211F)
YUV	32.1740, -0.5788, -1.0296
Hunter-Lab	12.1571, -1.3613, 1.1452

Details

The Hex color **1F211F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **211F21**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4B4D4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C211C**, and if you desaturate by 10%, it is **222122**.

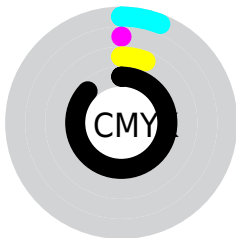
Distribution



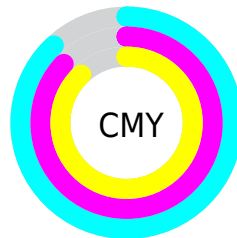
- Red (12%)
- Green (13%)
- Blue (12%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1F211F 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 1F211F by changing the saturation by 10% instead.



1F211F



1F211F

FFFFFF



060A06



4B4D4B



000000



636562



7B7E7B



959895



B0B2B0



CBCECB



E7EAE7



1F211F



1F211F

■ 1C211C

■ 222122

■ 182118

■ 262126

■ 152115

■ 292129

■ 122112

■ 2C212C

■ 0F210F

■ 302130

■ 0B210B

■ 332133

■ 082108

■ 362136

■ 052105

■ 392139

■ 012101

■ 3D213D

Harmonies

Analogous

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



20211E



1F211F



1E2120

Triad

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



1F211F



1F2123



23201F

Complementary

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



1F211F



211F21

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.



232021



1F211F



202023

Square

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



1F211F



1E2122



222022



23201F

Rectangle

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



1F211F



1E2121



222022



232020

Sweetspot

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



1F211F



2A2B2A



21211F



161716



969696



171717

Same Dimension

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



1F211F



282B28



1F2120



0E0F0E



004F00



00CF00

Inverse Universe

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



211F21



2B282B



211F20



0F0E0F



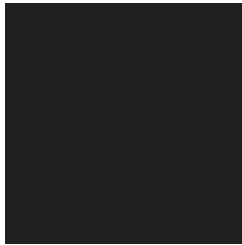
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 1F211F looks on a white background.

Color Contrast Check

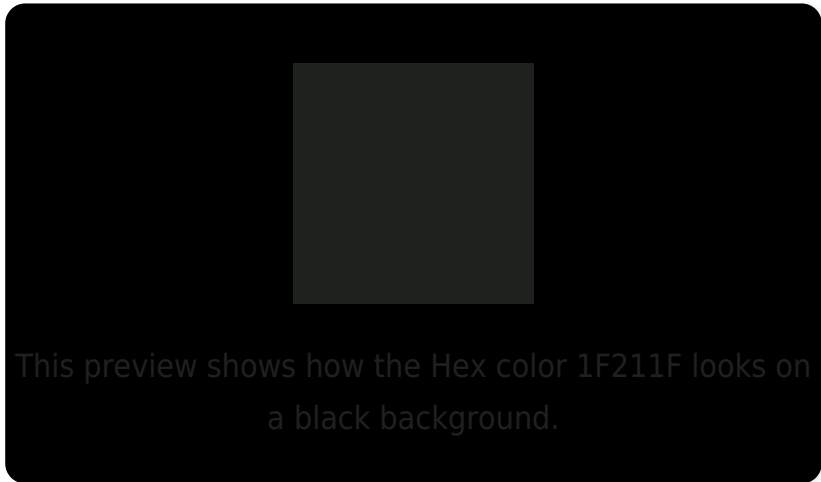
Large Text (above 18pt) WCAG AA ✓ Pass

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

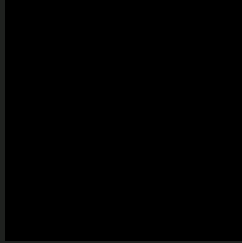
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

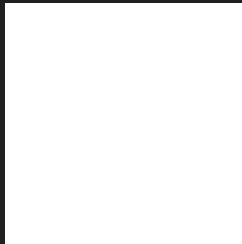
Any Text WCAG AAA × Fail

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

Hex 1F211F Background



This preview shows how black text looks on a background with the Hex color 1F211F.

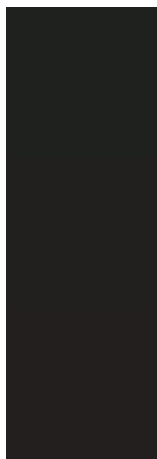


This preview shows how white text looks on a background with the Hex color 1F211F.

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

1F211F

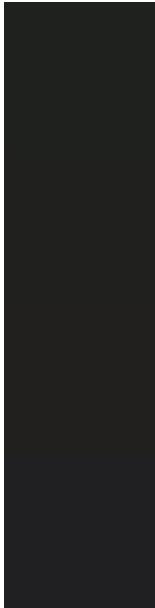
Protanopia

21201F

Deuteranopia

241F1F

Trichromacy



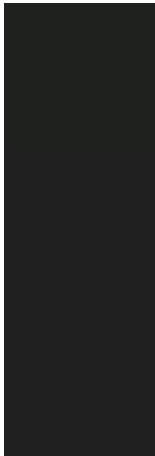
Original Color
1F211F

Protanomaly
20201F

Deuteranomaly
22201F

Tritanomaly
202022

Monochromacy



Original Color
1F211F

Achromatopsia
202020

Achromatomaly
202020

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F211F 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 #1F211F looks like.

```
.text, #text, p{  
    color:#1F211F  
}
```

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 #1F211F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F211F
}
```

Border

The CSS property to change the border of an element to Hex 1F211F 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
#1F211F }
```

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

```
.border{ border-color:#1F211F }
```

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

Here you see how a box with a 4 pixel #1F211F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F211F; -webkit-box-shadow:4px 4px  
4px 4px #1F211F; box-shadow:4px 4px 4px  
4px #1F211F }
```

Background

The CSS property to change the background color of an element to Hex 1F211F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F211F }
```

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

```
.background{ background-color:#1F211F }
```

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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