

Converting Colors

Hex(1F171A)

Have a look what the booklet for
Hex(1F171A) contains.

Hex(1F171A)	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(1F171A)

Conversions

Conversions Part 1

Format	Color
Hex	1F171A
RGB	31, 23, 26
RGB Percent	12%, 9%, 10%
CMY	0.8784, 0.9098, 0.8980
CMYK	0.00, 0.26, 0.16, 0.88
HSL	338°, 15%, 11%
HSV	338°, 26%, 12%
XYZ	1.0579, 0.9787, 1.1104
YIQ	25.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

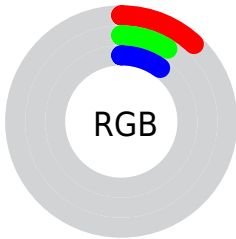
Format	Color
RYB	31, 23, 26
Decimal	2037530
CIELab	8.81, 4.69, -0.59
CIELCh	9, 4.724, 352.807
Yxy	0.9787, 0.3362, 0.3110
Android (android.graphics.Color)	4280227610 (0xFF1F171A)
YUV	25.7340, 0.1311, 4.6183
Hunter-Lab	9.8928, 1.7761, 0.2699

Details

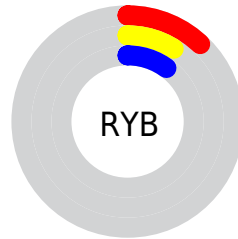
The Hex color **1F171A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171F1C**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4B4245**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1418**, and if you desaturate by 10%, it is **1F1A1C**.

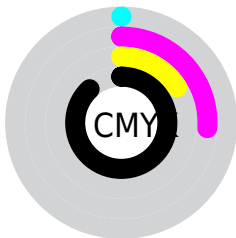
Distribution



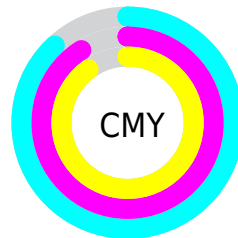
- Red (12%)
- Green (9%)
- Blue (10%)



- Red (12%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)
- Black (88%)



- Cyan (88%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F171A 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 1F171A by changing the saturation by 10% instead.

■ 1F171A

■ 1F171A

■ FFF9FD

■ 000000

■ 4B4245

■ 63595C

■ 7C7175

■ 968B8F

■ B0A5A9

■ CCC0C4

■ E8DCE0

■ 1F171A

■ 1F171A

■ 1F1418

■ 1F1A1C

■ 1F1116

■ 1F1D1E

■ 1F0E14

■ 1F2020

■ 1F0B12

■ 1F2322

■ 1F0710

■ 1F2724

■ 1F040E

■ 1F2A26

■ 1F010C

■ 1F2D28

■ 1F000C

■ 1F302A

■ 1F332B

Harmonies

Analogous

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



1C181D



1F171A



201717

Triad

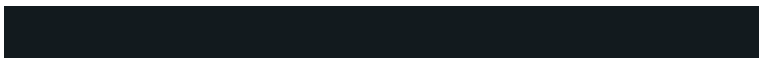
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F171A



191A13



121A1E

Complementary

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



1F171A



171F1C

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.



111B1B



1F171A



151A15

Square

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



1F171A



1C1913



121B18



151A1F

Rectangle

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



1F171A



1F1715



121B18



111B1D

Sweetspot

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



1F171A



292627



1C171F



141213



949494



141414

Same Dimension

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



1F171A



291C21



1F1817



0F0E0E



4F001E



CF004D

Inverse Universe

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



1F171A



291C21



171E1F



0F0E0E



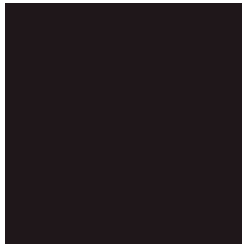
4F001E



CF004D

Previews

White Background



This preview shows how the Hex color 1F171A looks on a white background.

Color Contrast Check

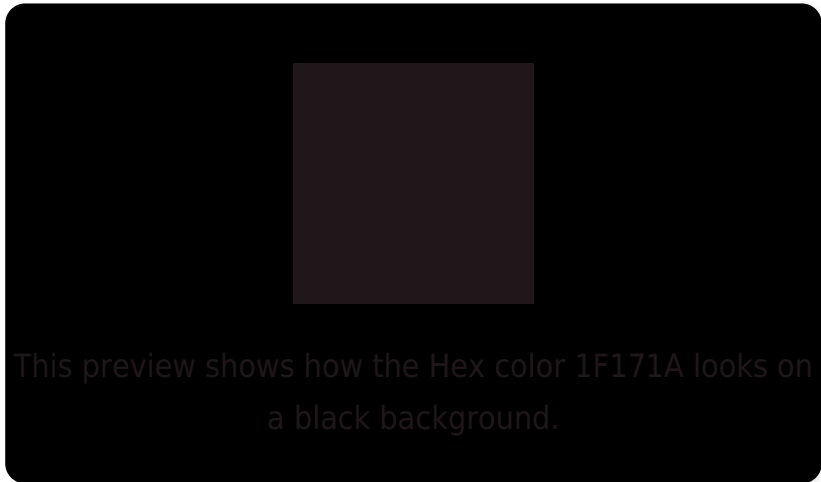
Large Text (above 18pt) WCAG AA ✓ Pass

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

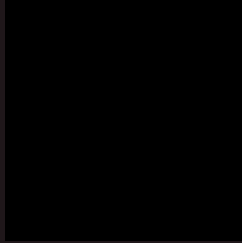
Any Text WCAG AA × Fail

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 1F171A Background



This preview shows how black text looks on a background with the Hex color 1F171A.

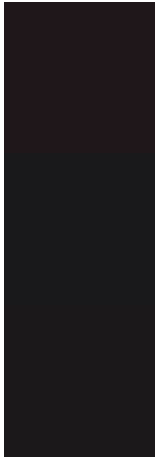


This preview shows how white text looks on a background with the Hex color 1F171A.

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
1F171A

Protanopia
19191B

Deuteranopia
1B181A



Tritanopia
1F1719

Trichromacy



Original Color

1F171A

Protanomaly

1B181B

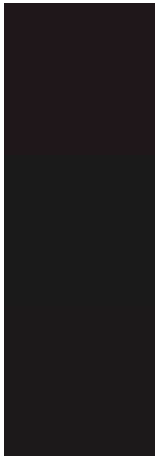
Deuteranomaly

1C181A

Tritanomaly

1F1719

Monochromacy



Original Color

1F171A

Achromatopsia

1A1A1A

Achromatomaly

1C191A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F171A 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 #1F171A looks like.

```
.text, #text, p{  
    color:#1F171A  
}
```

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 #1F171A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F171A
}
```

Border

The CSS property to change the border of an element to Hex 1F171A is called "border". The border property can be set on classes, ids or directly on the HTML element.

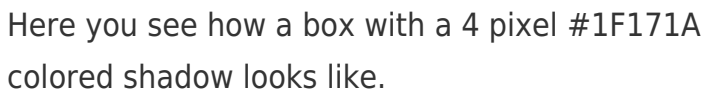
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F171A }
```

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

```
.border{ border-color:#1F171A }
```

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



Here you see how a box with a 4 pixel #1F171A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F171A; -webkit-box-shadow:4px 4px  
4px 4px #1F171A; box-shadow:4px 4px 4px  
4px #1F171A }
```

Background

The CSS property to change the background color of an element to Hex 1F171A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F171A }
```

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

```
.background{ background-color:#1F171A }
```

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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