

Converting Colors

Hex(1F2F2E)

Have a look what the booklet for
Hex(1F2F2E) contains.

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Color

Hex(1F2F2E)

Conversions

Conversions Part 1

Format	Color
Hex	1F2F2E
RGB	31, 47, 46
RGB Percent	12%, 18%, 18%
CMY	0.8784, 0.8157, 0.8196
CMYK	0.34, 0.00, 0.02, 0.82
HSL	176°, 21%, 15%
HSV	176°, 34%, 18%
XYZ	2.0747, 2.5216, 2.9621
YIQ	42.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

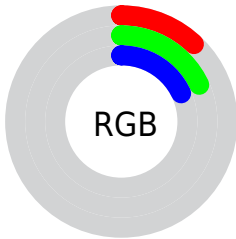
Format	Color
RYB	31, 39, 47
Decimal	2043694
CIELab	18.02, -6.88, -1.50
CIELCh	18, 7.046, 192.317
Yxy	2.5216, 0.2745, 0.3336
Android (android.graphics.Color)	4280233774 (0xFF1F2F2E)
YUV	42.1020, 1.9217, -9.7365
Hunter-Lab	15.8795, -4.4673, 0.0558

Details

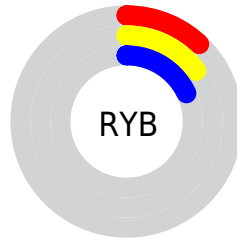
The Hex color **1F2F2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F1F20**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4C5D5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2F2E**, and if you desaturate by 10%, it is **242F2E**.

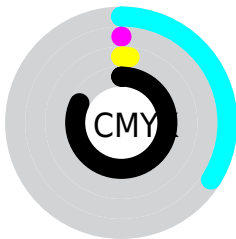
Distribution



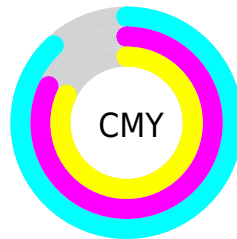
- Red (12%)
- Green (18%)
- Blue (18%)



- Red (12%)
- Yellow (15%)
- Blue (18%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (82%)



- Cyan (88%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2F2E 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 1F2F2E by changing the saturation by 10% instead.

■ 1F2F2E

■ 1F2F2E

FFFFFF

■ 0A1A19

■ 4C5D5C

■ 000000

■ 647674

■ 7D8F8E

■ 97AAA8

■ B1C5C3

■ CDE1DF

■ E9FEFC

■ 1F2F2E

■ 1F2F2E

■ 1A2F2E

■ 242F2E

■ 162F2D

■ 282F2F

■ 112F2D

■ 2D2F2F

■ 0C2F2D

■ 322F2F

■ 072F2D

■ 372F2F

■ 032F2C

■ 3B2F30

■ 002F2C

■ 402F30

■ 452F30

■ 492F31

Harmonies

Analogous

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



232F29



1F2F2E



1F2F33

Triad

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



1F2F2E



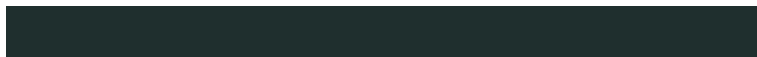
302A34



332B23

Complementary

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



1F2F2E



2F1F20

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.



362925



1F2F2E



34292F

Square

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



1F2F2E



292C36



37292A



2E2C22

Rectangle

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



1F2F2E



212E35



37292A



342A23

Sweetspot

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



1F2F2E



373D3D



202F1F



1B1F1E



9E9E9E



1F1F1F

Same Dimension

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



1F2F2E



243D3C



1F282F



151717



005751



00D6C9

Inverse Universe

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



2F1F20



3D2426



2F261F



171515



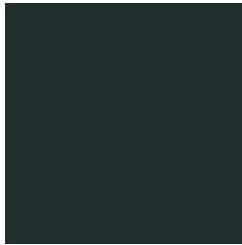
570005



D6000D

Previews

White Background



This preview shows how the Hex color 1F2F2E looks on a white background.

Color Contrast Check

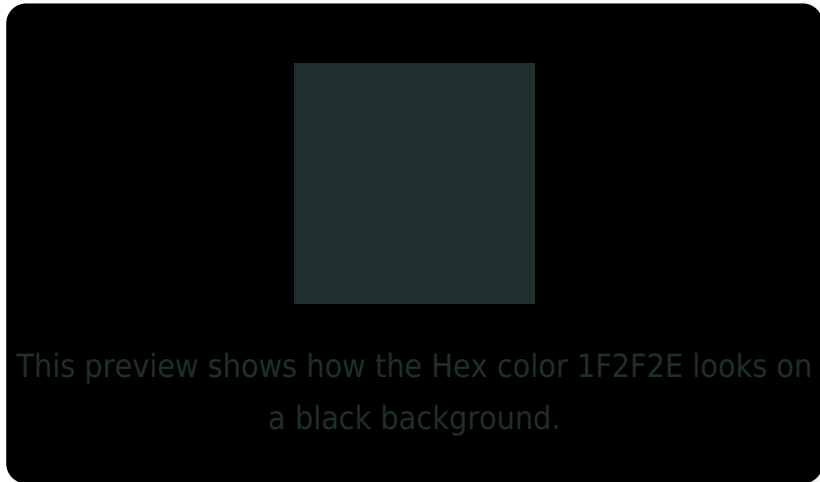
Large Text (above 18pt) WCAG AA ✓ Pass

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

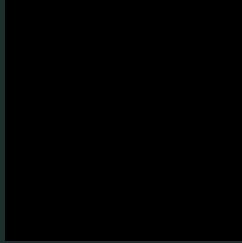
Any Text WCAG AA × Fail

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 1F2F2E Background



This preview shows how black text looks on a background with the Hex color 1F2F2E.

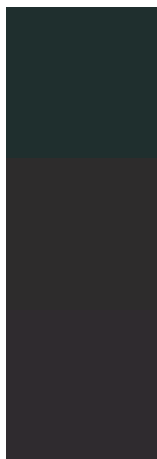


This preview shows how white text looks on a background with the Hex color 1F2F2E.

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

1F2F2E

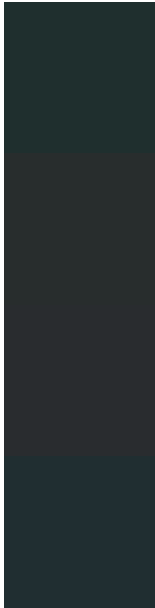
Protanopia

2D2C2C

Deuteranopia

2F2B2F

Trichromacy



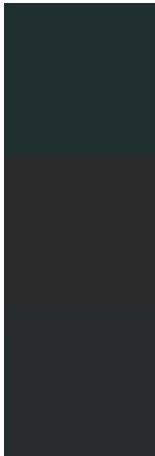
Original Color
1F2F2E

Protanomaly
282D2D

Deuteranomaly
292C2F

Tritanomaly
202E31

Monochromacy



Original Color
1F2F2E

Achromatopsia
2A2A2A

Achromatomaly
262C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2F2E 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 #1F2F2E looks like.

```
.text, #text, p{  
    color:#1F2F2E  
}
```

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 #1F2F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2F2E
}
```

Border

The CSS property to change the border of an element to Hex 1F2F2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

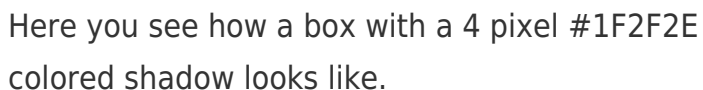
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F2F2E }
```

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

```
.border{ border-color:#1F2F2E }
```

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



Here you see how a box with a 4 pixel #1F2F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2F2E; -webkit-box-shadow:4px 4px  
4px 4px #1F2F2E; box-shadow:4px 4px 4px  
4px #1F2F2E }
```

Background

The CSS property to change the background color of an element to Hex 1F2F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2F2E }
```

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

```
.background{ background-color:#1F2F2E }
```

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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