

Converting Colors

Hex(1F2F20)

Have a look what the booklet for
Hex(1F2F20) contains.

Hex(1F2F20)	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(1F2F20)

Conversions

Conversions Part 1

Format	Color
Hex	1F2F20
RGB	31, 47, 32
RGB Percent	12%, 18%, 13%
CMY	0.8784, 0.8157, 0.8745
CMYK	0.34, 0.00, 0.32, 0.82
HSL	124°, 21%, 15%
HSV	124°, 34%, 18%
XYZ	1.8423, 2.4286, 1.7382
YIQ	40.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

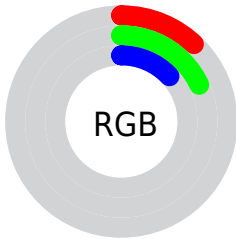
Format	Color
RYB	31, 46, 47
Decimal	2043680
CIELab	17.59, -10.49, 7.56
CIElCh	18, 12.926, 144.209
Yxy	2.4286, 0.3066, 0.4042
Android (android.graphics.Color)	4280233760 (0xFF1F2F20)
YUV	40.5060, -4.1935, -8.3368
Hunter-Lab	15.5840, -6.1703, 4.2959

Details

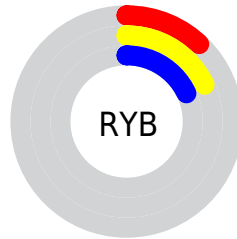
The Hex color **1F2F20** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F1F2E**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4B5D4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2F1C**, and if you desaturate by 10%, it is **242F24**.

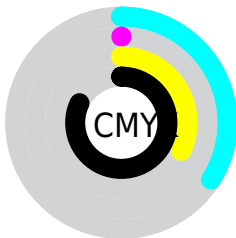
Distribution



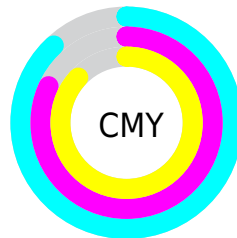
- Red (12%)
- Green (18%)
- Blue (13%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (32%)
- Black (82%)



- Cyan (88%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2F20 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 1F2F20 by changing the saturation by 10% instead.

■ 1F2F20

■ 1F2F20

FFFFFF

■ 091B09

■ 4B5D4C

■ 000000

■ 637664

■ 7C8F7D

■ 96AA97

■ B1C5B1

■ CDE1CD

■ E9FEE9

■ 1F2F20

■ 1F2F20

■ 1A2F1C

■ 242F24

■ 162F17

■ 282F29

■ 112F13

■ 2D2F2D

■ 0C2F0E

■ 322F32

■ 072F0A

■ 372F36

■ 032F06

■ 3B2F3A

■ 002F03

■ 402F3F

■ 452F43

■ 492F48

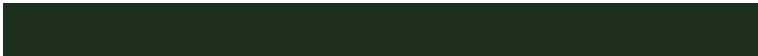
Harmonies

Analogous

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



2A2D1A



1F2F20



143029

Triad

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



1F2F20



1C2D3D



3D2524

Complementary

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



1F2F20



2F1F2E

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.



3C242D



1F2F20



2A293C

Square

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



1F2F20



0F2F3A



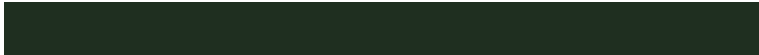
352636



3A271C

Rectangle

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



1F2F20



0E302F



352636



3E2427

Sweetspot

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



1F2F20



373D37



2E2F1F



1B1F1B



9E9E9E



1F1F1F

Same Dimension

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



1F2F20



243D26



1F2F28



151715



005705



00D60D

Inverse Universe

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



2F1F2E



3D243C



2F1F26



171517



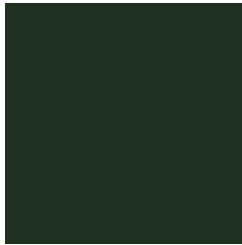
570051



D600C9

Previews

White Background



This preview shows how the Hex color 1F2F20 looks on a white background.

Color Contrast Check

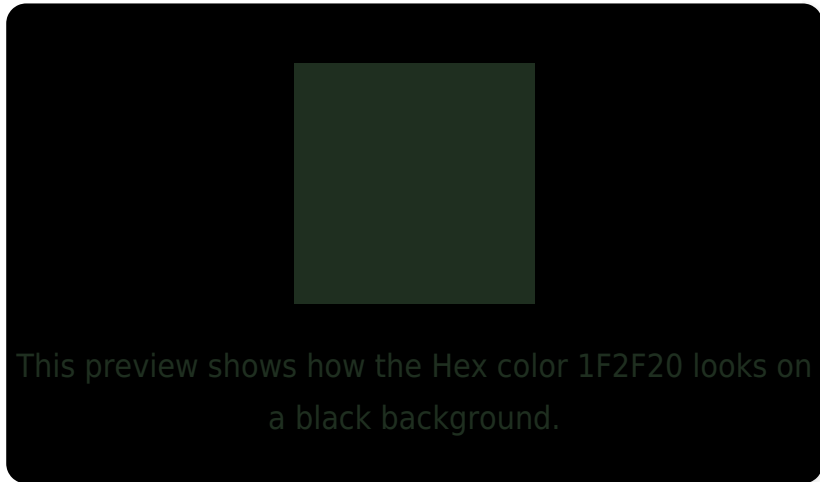
Large Text (above 18pt) WCAG AA ✓ Pass

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

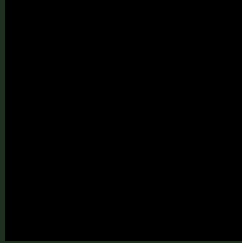
Any Text WCAG AA × Fail

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 1F2F20 Background



This preview shows how black text looks on a background with the Hex color 1F2F20.



This preview shows how white text looks on a background with the Hex color 1F2F20.

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
1F2F20

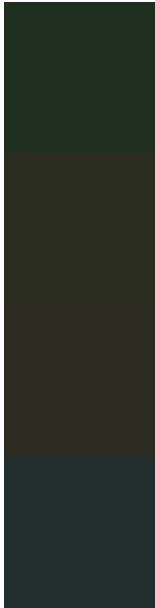
Protanopia
2E2B1E

Deuteranopia
332921



Tritanopia
222D31

Trichromacy



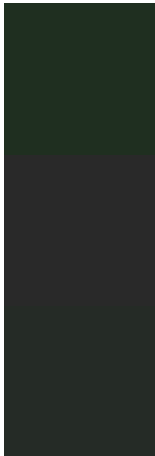
Original Color
1F2F20

Protanomaly
292C1F

Deuteranomaly
2C2B21

Tritanomaly
212E2B

Monochromacy



Original Color
1F2F20

Achromatopsia
292929

Achromatomaly
252B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2F20 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 #1F2F20 looks like.

```
.text, #text, p{  
    color:#1F2F20  
}
```

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 #1F2F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2F20  
}
```

Border

The CSS property to change the border of an element to Hex 1F2F20 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  
#1F2F20 }
```

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

```
.border{ border-color:#1F2F20 }
```

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

Here you see how a box with a 4 pixel #1F2F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2F20; -webkit-box-shadow:4px 4px  
4px 4px #1F2F20; box-shadow:4px 4px 4px  
4px #1F2F20 }
```

Background

The CSS property to change the background color of an element to Hex 1F2F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2F20 }
```

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

```
.background{ background-color:#1F2F20 }
```

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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