

Converting Colors

Hex(1F2830)

Have a look what the booklet for
Hex(1F2830) contains.

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Color

Hex(1F2830)

Conversions

Conversions Part 1

Format	Color
Hex	1F2830
RGB	31, 40, 48
RGB Percent	12%, 16%, 19%
CMY	0.8784, 0.8431, 0.8118
CMYK	0.35, 0.17, 0.00, 0.81
HSL	208°, 22%, 15%
HSV	208°, 35%, 19%
XYZ	1.8574, 2.0223, 3.0888
YIQ	38.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

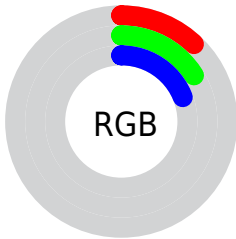
Format	Color
RYB	31, 37, 48
Decimal	2041904
CIELab	15.60, -1.55, -6.51
CIELCh	16, 6.689, 256.624
Yxy	2.0223, 0.2665, 0.2902
Android (android.graphics.Color)	4280231984 (0xFF1F2830)
YUV	38.2210, 4.8210, -6.3328
Hunter-Lab	14.2207, -1.5724, -2.9233

Details

The Hex color **1F2830** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30271F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4B555E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2630**, and if you desaturate by 10%, it is **242A30**.

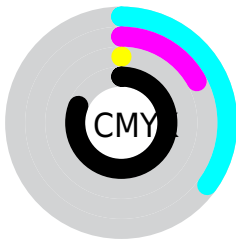
Distribution



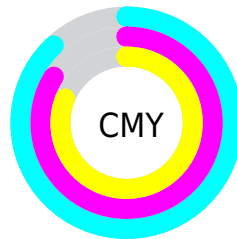
- Red (12%)
- Green (16%)
- Blue (19%)



- Red (12%)
- Yellow (15%)
- Blue (19%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2830 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 1F2830 by changing the saturation by 10% instead.

■ 1F2830

■ 1F2830

FFFFFF

■ 09141B

■ 4B555E

■ 000000

■ 636D77

■ 7C8690

■ 96A1AB

■ B1BCC6

■ CDD7E2

■ E9F4FF

■ 1F2830

■ 1F2830

■ 1A2630

■ 242A30

■ 152330

■ 292D30

■ 112130

■ 2D2F30

■ 0C1F30

■ 323130

■ 071D30

■ 373330

■ 021A30

■ 3C3630

■ 001930

■ 413830

■ 453A30

■ 4A3C30

Harmonies

Analogous

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



1B292E



1F2830



252630

Triad

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



1F2830



312424



222920

Complementary

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



1F2830



30271F

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.



28271E



1F2830



302420

Square

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



1F2830



2F2429



2D261E



1D2A25

Rectangle

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



1F2830



29252F



2D261E



24281F

Sweetspot

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



1F2830



363A3D



1F3027



1B1D1F



9E9E9E



1F1F1F

Same Dimension

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



1F2830



23313D



1F2030



151617



002E57



0071D6

Inverse Universe

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



301F28



3D2331



302F1F



171516



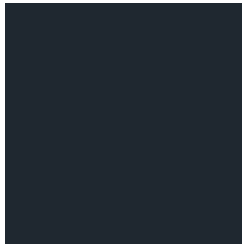
57002E



D60071

Previews

White Background



This preview shows how the Hex color 1F2830 looks on a white background.

Color Contrast Check

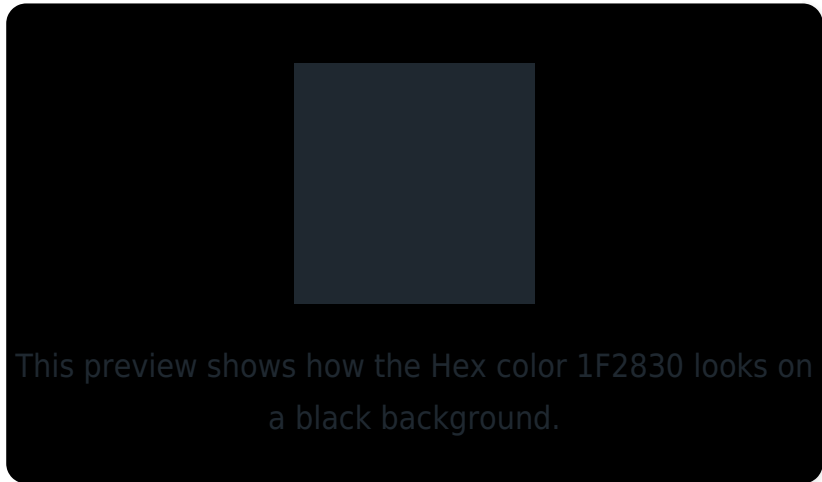
Large Text (above 18pt) WCAG AA ✓ Pass

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

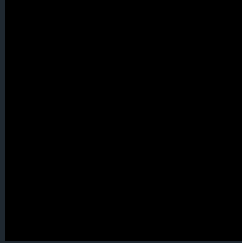
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

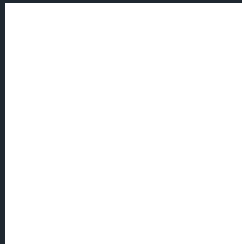
Any Text WCAG AAA × Fail

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

Hex 1F2830 Background



This preview shows how black text looks on a background with the Hex color 1F2830.



This preview shows how white text looks on a background with the Hex color 1F2830.

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
1F2830

Protanopia
25272F

Deuteranopia
262630



Tritanopia
1E292C

Trichromacy



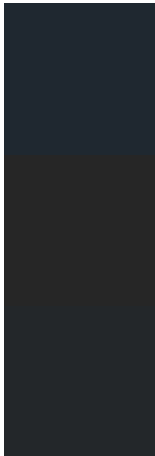
Original Color
1F2830

Protanomaly
23272F

Deuteranomaly
232730

Tritanomaly
1E292D

Monochromacy



Original Color
1F2830

Achromatopsia
262626

Achromatomaly
23272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2830 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 #1F2830 looks like.

```
.text, #text, p{  
    color:#1F2830  
}
```

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 #1F2830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2830
}
```

Border

The CSS property to change the border of an element to Hex 1F2830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

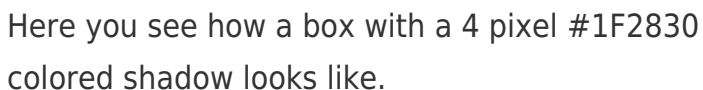
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F2830 }
```

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

```
.border{ border-color:#1F2830 }
```

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



Here you see how a box with a 4 pixel #1F2830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2830; -webkit-box-shadow:4px 4px  
4px 4px #1F2830; box-shadow:4px 4px 4px  
4px #1F2830 }
```

Background

The CSS property to change the background color of an element to Hex 1F2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2830 }
```

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

```
.background{ background-color:#1F2830 }
```

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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