

Converting Colors

Hex(1B1E2F)

Have a look what the booklet for
Hex(1B1E2F) contains.

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Color

Hex(1B1E2F)

Conversions

Conversions Part 1

Format	Color
Hex	1B1E2F
RGB	27, 30, 47
RGB Percent	11%, 12%, 18%
CMY	0.8941, 0.8824, 0.8157
CMYK	0.43, 0.36, 0.00, 0.82
HSL	231°, 27%, 15%
HSV	231°, 43%, 18%
XYZ	1.4294, 1.3668, 2.8778
YIQ	31.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

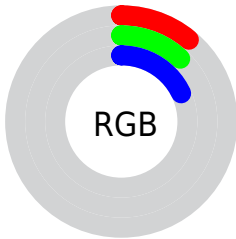
Format	Color
RYB	27, 30, 47
Decimal	1777199
CIELab	11.73, 3.87, -11.76
CIELCh	12, 12.377, 288.217
Yxy	1.3668, 0.2519, 0.2409
Android (android.graphics.Color)	4279967279 (0xFF1B1E2F)
YUV	31.0410, 7.8678, -3.5440
Hunter-Lab	11.6910, 1.3644, -6.4109

Details

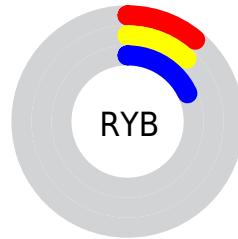
The Hex color **1B1E2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2C1B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **474A5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161A2F**, and if you desaturate by 10%, it is **20222F**.

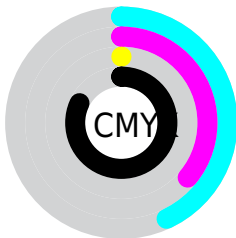
Distribution



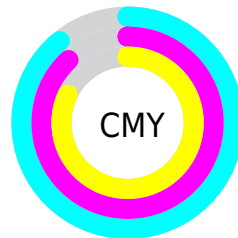
- Red (11%)
- Green (12%)
- Blue (18%)



- Red (11%)
- Yellow (12%)
- Blue (18%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1E2F 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 1B1E2F by changing the saturation by 10% instead.

■ 1B1E2F

■ 1B1E2F

FFFFFF

■ 03041B

■ 474A5D

■ 000000

■ 5F6176

■ 787A8F

■ 9294AA

■ ACAEC5

■ C8CAE1

■ E4E6FE

■ 1B1E2F

■ 1B1E2F

■ 161A2F

■ 20222F

■ 12162F

■ 24262F

■ 0D122F

■ 292A2F

■ 080E2F

■ 2E2E2F

■ 030A2F

■ 33322F

■ 00072F

■ 37362F

■ 3C3A2F

■ 413E2F

■ 45422F

Harmonies

Analogous

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



0D212F



1B1E2F



261B2A

Triad

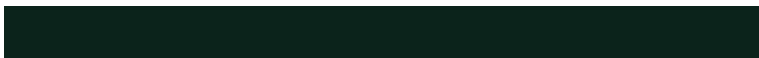
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B1E2F



2D1A12



0B231B

Complementary

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



1B1E2F



2F2C1B

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.



162213



1B1E2F



281D0D

Square

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



1B1E2F



30191A



20200D



022324

Rectangle

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



1B1E2F



2B1925



20200D



0F2318

Sweetspot

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



1B1E2F



35363D



1B2F2C



1A1A1F



9E9E9E



1F1F1F

Same Dimension

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



1B1E2F



1E233D



221B2F



151517



000D57



0020D6

Inverse Universe

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



2F1B1E



3D1E23



282F1B



171515



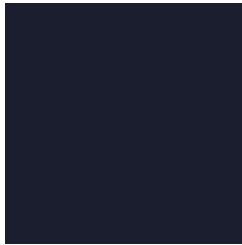
57000D



D60020

Previews

White Background



This preview shows how the Hex color 1B1E2F looks on a white background.

Color Contrast Check

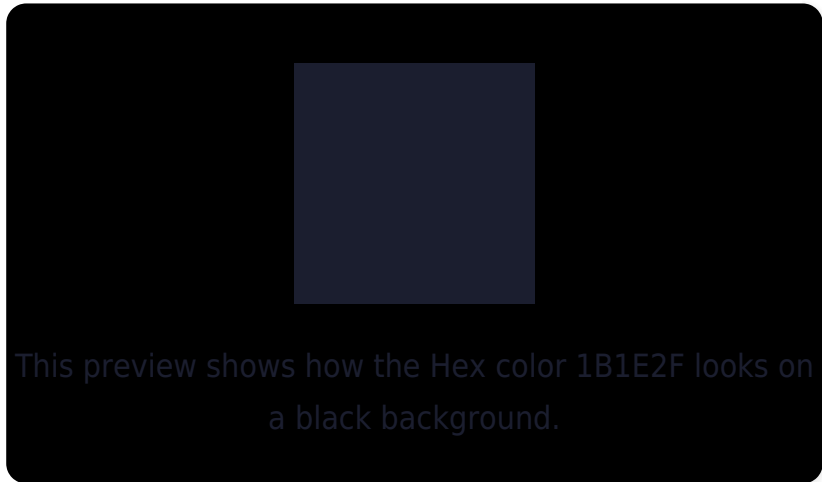
Large Text (above 18pt) WCAG AA ✓ Pass

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

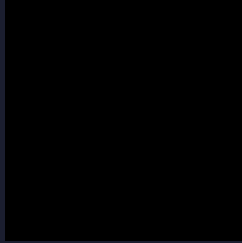
Any Text WCAG AA × Fail

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 1B1E2F Background



This preview shows how black text looks on a background with the Hex color 1B1E2F.



This preview shows how white text looks on a background with the Hex color 1B1E2F.

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
1B1E2F

Protanopia
191E2F

Deuteranopia
181F2F

Trichromacy



Original Color

1B1E2F

Protanomaly

1A1E2F

Deuteranomaly

191F2F

Tritanomaly

191F27

Monochromacy



Original Color

1B1E2F

Achromatopsia

1F1F1F

Achromatomaly

1E1F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1E2F 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 #1B1E2F looks like.

```
.text, #text, p{  
    color:#1B1E2F  
}
```

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 #1B1E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1E2F  
}
```

Border

The CSS property to change the border of an element to Hex 1B1E2F 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  
#1B1E2F }
```

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

```
.border{ border-color:#1B1E2F }
```

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

Here you see how a box with a 4 pixel #1B1E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1E2F; -webkit-box-shadow:4px 4px  
4px 4px #1B1E2F; box-shadow:4px 4px 4px  
4px #1B1E2F }
```

Background

The CSS property to change the background color of an element to Hex 1B1E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1E2F }
```

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

```
.background{ background-color:#1B1E2F }
```

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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