

Converting Colors

Hex(1B1E31)

Have a look what the booklet for
Hex(1B1E31) contains.

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Color

Hex(1B1E31)

Conversions

Conversions Part 1

Format	Color
Hex	1B1E31
RGB	27, 30, 49
RGB Percent	11%, 12%, 19%
CMY	0.8941, 0.8824, 0.8078
CMYK	0.45, 0.39, 0.00, 0.81
HSL	232°, 29%, 15%
HSV	232°, 45%, 19%
XYZ	1.4706, 1.3833, 3.0952
YIQ	31.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

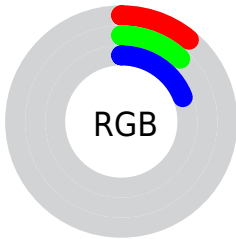
Format	Color
RYB	27, 30, 49
Decimal	1777201
CIELab	11.85, 4.57, -13.03
CIElCh	12, 13.806, 289.316
Yxy	1.3833, 0.2472, 0.2325
Android (android.graphics.Color)	4279967281 (0xFF1B1E31)
YUV	31.2690, 8.7414, -3.7439
Hunter-Lab	11.7614, 1.7371, -7.3702

Details

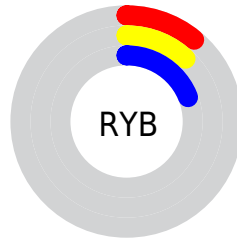
The Hex color **1B1E31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312E1B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **47495F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161A31**, and if you desaturate by 10%, it is **202231**.

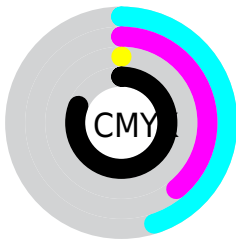
Distribution



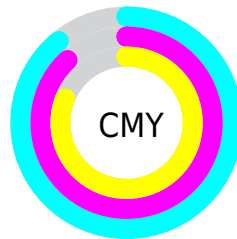
- Red (11%)
- Green (12%)
- Blue (19%)



- Red (11%)
- Yellow (12%)
- Blue (19%)



- Cyan (45%)
- Magenta (39%)
- Yellow (0%)
- Black (81%)



- Cyan (89%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1E31 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 1B1E31 by changing the saturation by 10% instead.

■ 1B1E31

■ 1B1E31

FFFFFF

■ 04041C

■ 47495F

■ 000000

■ 5F6178

■ 787A92

■ 9294AC

■ ADAEC8

■ C8CAE4

■ E4E6FF

■ 1B1E31

■ 1B1E31

■ 161A31

■ 202231

■ 111631

■ 252631

■ 0C1131

■ 2A2B31

■ 070D31

■ 2F2F31

■ 020931

■ 343331

■ 000731

■ 383731

■ 3D3C31

■ 424031

■ 474431

Harmonies

Analogous

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



092132



1B1E31



281A2C

Triad

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



1B1E31



2F1A11



07241B

Complementary

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



1B1E31



312E1B

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.



142312



1B1E31



291D0A

Square

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



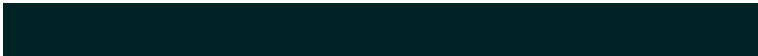
1B1E31



311819



20200B



002425

Rectangle

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



1B1E31



2D1926



20200B



0C2418

Sweetspot

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



1B1E31



373940



1B312E



1C1D21



A1A1A1



212121

Same Dimension

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



1B1E31



1D2240



231B31



17171A



000C59



001ED9

Inverse Universe

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



311B1E



401D22



29311B



1A1717



59000C



D9001E

Previews

White Background



This preview shows how the Hex color 1B1E31 looks on a white background.

Color Contrast Check

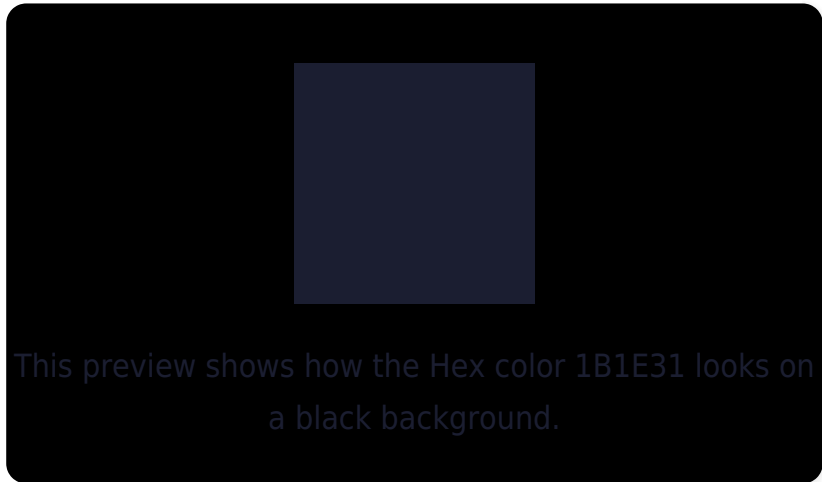
Large Text (above 18pt) WCAG AA ✓ Pass

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

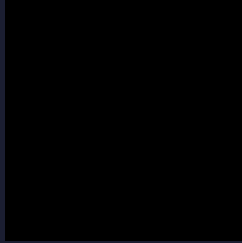
Any Text WCAG AA × Fail

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 1B1E31 Background



This preview shows how black text looks on a background with the Hex color 1B1E31.



This preview shows how white text looks on a background with the Hex color 1B1E31.

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](#).

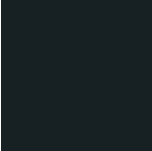
Dichromacy



Original Color
1B1E31

Protanopia
181F32

Deuteranopia
161F31



Tritanopia
172123

Trichromacy



Original Color
1B1E31

Protanomaly
191F32

Deuteranomaly
181F31

Tritanomaly
182028

Monochromacy



Original Color
1B1E31

Achromatopsia
1F1F1F

Achromatomaly
1E1F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1E31 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 #1B1E31 looks like.

```
.text, #text, p{  
  color:#1B1E31  
}
```

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 #1B1E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1E31
}
```

Border

The CSS property to change the border of an element to Hex 1B1E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

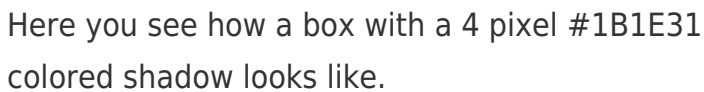
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1E31 }
```

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

```
.border{ border-color:#1B1E31 }
```

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



Here you see how a box with a 4 pixel #1B1E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1E31; -webkit-box-shadow:4px 4px  
4px 4px #1B1E31; box-shadow:4px 4px 4px  
4px #1B1E31 }
```

Background

The CSS property to change the background color of an element to Hex 1B1E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1E31 }
```

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

```
.background{ background-color:#1B1E31 }
```

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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