

Converting Colors

Hex(1B1B28)

Have a look what the booklet for
Hex(1B1B28) contains.

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Color

Hex(1B1B28)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B28
RGB	27, 27, 40
RGB Percent	11%, 11%, 16%
CMY	0.8941, 0.8941, 0.8431
CMYK	0.33, 0.33, 0.00, 0.84
HSL	240°, 19%, 13%
HSV	240°, 32%, 16%
XYZ	1.2269, 1.1701, 2.1687
YIQ	28.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

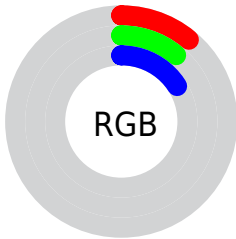
Format	Color
R_YB	27, 27, 40
Decimal	1776424
CIE Lab	10.33, 3.78, -8.81
CIE LCh	10, 9.585, 293.219
Yxy	1.1701, 0.2687, 0.2563
Android (android.graphics.Color)	4279966504 (0xFF1B1B28)
YUV	28.4820, 5.6784, -1.2997
Hunter-Lab	10.8170, 1.3167, -4.3149

Details

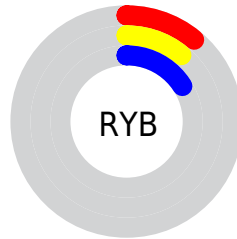
The Hex color **1B1B28** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28281B**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **474655**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **171728**, and if you desaturate by 10%, it is **1F1F28**.

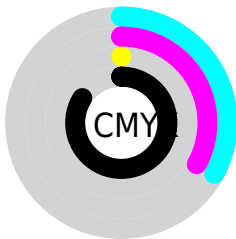
Distribution



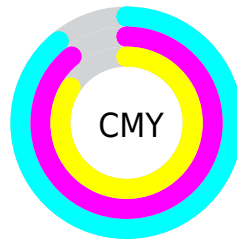
- Red (11%)
- Green (11%)
- Blue (16%)



- Red (11%)
- Yellow (11%)
- Blue (16%)



- Cyan (33%)
- Magenta (33%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1B28 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 1B1B28 by changing the saturation by 10% instead.

■ 1B1B28

■ 1B1B28

FFFEFF

■ 010014

■ 474655

■ 000000

■ 5E5E6D

■ 777687

■ 9190A1

■ ABAABC

■ C7C6D8

■ E3E2F4

■ 1B1B28

■ 1B1B28

■ 171728

■ 1F1F28

■ 131328

■ 232328

■ 0F0F28

■ 272728

■ 0B0B28

■ 2B2B28

■ 070728

■ 2F2F28

■ 030328

■ 333328

■ 000028

■ 373728

■ 3B3B28

■ 3F3F28

Harmonies

Analogous

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



111D29



1B1B28



231924

Triad

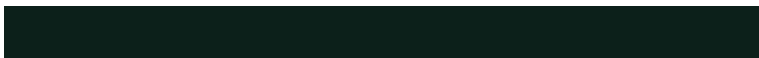
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B1B28



271912



0C201A

Complementary

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



1B1B28



28281B

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.



141F14



1B1B28



221B0E

Square

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



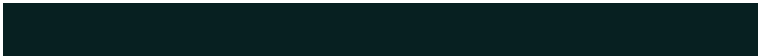
1B1B28



291817



1C1D0F



072021

Rectangle

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



1B1B28



271820



1C1D0F



0F1F18

Sweetspot

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



1B1B28



2E2E33



1B2828



16161A



999999



1A1A1A

Same Dimension

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



1B1B28



1F1F33



221B28



121214



000054



0000D4

Inverse Universe

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



281B28



331F33



22281B



141214



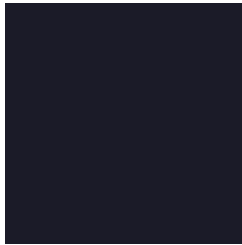
540054



D400D4

Previews

White Background



This preview shows how the Hex color 1B1B28 looks on a white background.

Color Contrast Check

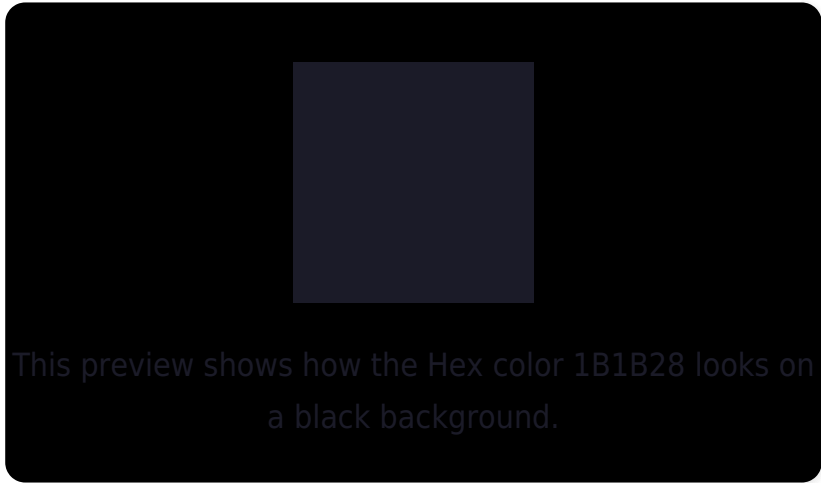
Large Text (above 18pt) WCAG AA ✓ Pass

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

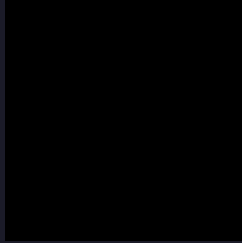
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

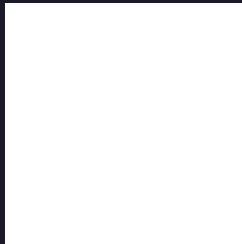
Any Text WCAG AAA × Fail

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

Hex 1B1B28 Background



This preview shows how black text looks on a background with the Hex color 1B1B28.



This preview shows how white text looks on a background with the Hex color 1B1B28.

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

1B1B28

Protanopia

181C29

Deuteranopia

181C28



Tritanopia
191D1F

Trichromacy



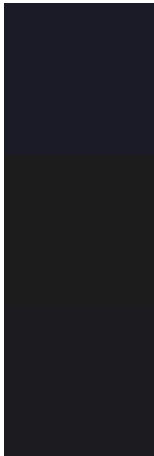
Original Color
1B1B28

Protanomaly
191C29

Deuteranomaly
191C28

Tritanomaly
1A1C22

Monochromacy



Original Color
1B1B28

Achromatopsia
1C1C1C

Achromatomaly
1C1C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B28 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 #1B1B28 looks like.

```
.text, #text, p{  
    color:#1B1B28  
}
```

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 #1B1B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B28
}
```

Border

The CSS property to change the border of an element to Hex 1B1B28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

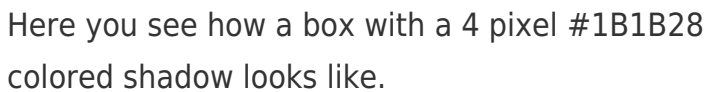
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1B28 }
```

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

```
.border{ border-color:#1B1B28 }
```

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



Here you see how a box with a 4 pixel #1B1B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B28; -webkit-box-shadow:4px 4px  
4px 4px #1B1B28; box-shadow:4px 4px 4px  
4px #1B1B28 }
```

Background

The CSS property to change the background color of an element to Hex 1B1B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B28 }
```

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

```
.background{ background-color:#1B1B28 }
```

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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