

Converting Colors

Hex(1B1D29)

Have a look what the booklet for
Hex(1B1D29) contains.

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Color

Hex(1B1D29)

Conversions

Conversions Part 1

Format	Color
Hex	1B1D29
RGB	27, 29, 41
RGB Percent	11%, 11%, 16%
CMY	0.8941, 0.8863, 0.8392
CMYK	0.34, 0.29, 0.00, 0.84
HSL	231°, 21%, 13%
HSV	231°, 34%, 16%
XYZ	1.2916, 1.2718, 2.2752
YIQ	29.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

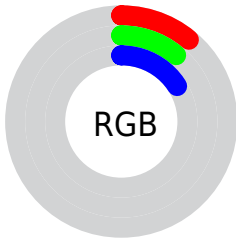
Format	Color
R_{YB}	27, 29, 41
Decimal	1776937
CIE Lab	11.08, 2.60, -8.40
CIE LCh	11, 8.797, 287.223
Yxy	1.2718, 0.2669, 0.2628
Android (android.graphics.Color)	4279967017 (0xFF1B1D29)
YUV	29.7700, 5.5364, -2.4293
Hunter-Lab	11.2776, 0.7075, -4.0674

Details

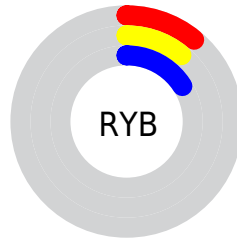
The Hex color **1B1D29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29271B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **474856**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **171929**, and if you desaturate by 10%, it is **1F2129**.

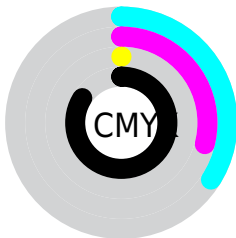
Distribution



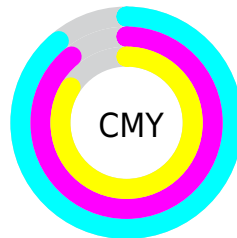
- Red (11%)
- Green (11%)
- Blue (16%)



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



- Cyan (34%)
- Magenta (29%)
- Yellow (0%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1D29 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 1B1D29 by changing the saturation by 10% instead.

■ 1B1D29

■ 1B1D29

FFFFFF

■ 010315

■ 474856

■ 000000

■ 5E606F

■ 777988

■ 9193A2

■ ABADB D

■ C7C8D9

■ E3E4F5

■ 1B1D29

■ 1B1D29

■ 171929

■ 1F2129

■ 131629

■ 232429

■ 0F1229

■ 272829

■ 0B0F29

■ 2B2B29

■ 060B29

■ 2F2F29

■ 020829

■ 343229

■ 000629

■ 383629

■ 3C3929

■ 403D29

Harmonies

Analogous

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



121F29



1B1D29



231B26

Triad

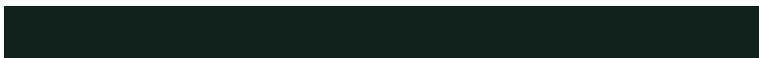
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B1D29



281A15



11211B

Complementary

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



1B1D29



29271B

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.



182015



1B1D29



241C12

Square

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



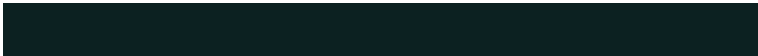
1B1D29



2A191A



1E1E12



0C2121

Rectangle

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



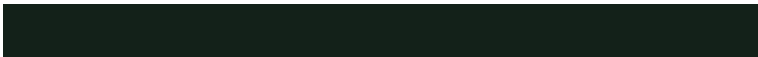
1B1D29



271A22



1E1E12



132119

Sweetspot

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



1B1D29



303136



1B2927



19191C



9C9C9C



1C1C1C

Same Dimension

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



1B1D29



202336



201B29



121314



000C54



001ED4

Inverse Universe

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



291B1D



362023



24291B



141213



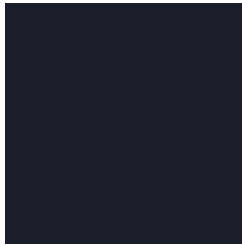
54000C



D4001E

Previews

White Background



This preview shows how the Hex color 1B1D29 looks on a white background.

Color Contrast Check

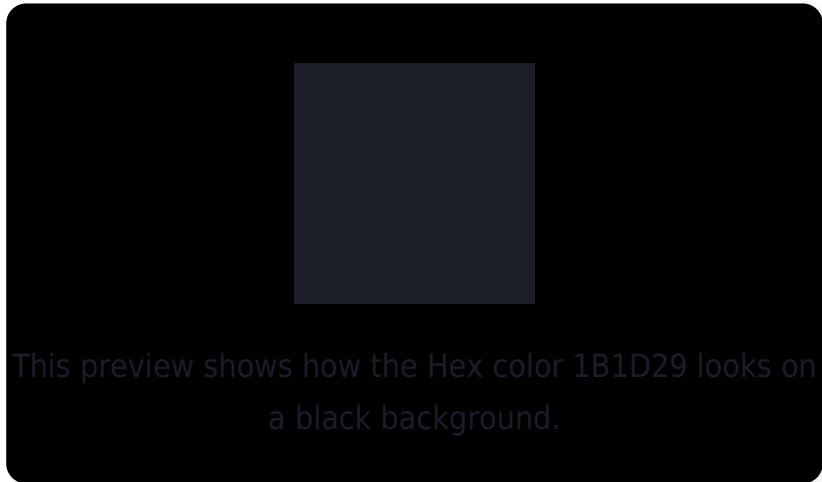
Large Text (above 18pt) WCAG AA ✓ Pass

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

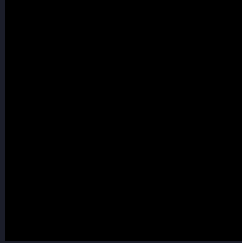
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

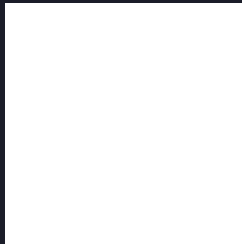
Any Text WCAG AAA × Fail

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

Hex 1B1D29 Background



This preview shows how black text looks on a background with the Hex color 1B1D29.



This preview shows how white text looks on a background with the Hex color 1B1D29.

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
1B1D29

Protanopia
1A1D29

Deuteranopia
1A1D29



Tritanopia
191F21

Trichromacy



Original Color
1B1D29

Protanomaly
1A1D29

Deuteranomaly
1A1D29

Tritanomaly
1A1E24

Monochromacy



Original Color
1B1D29

Achromatopsia
1E1E1E

Achromatomaly
1D1E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1D29 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 #1B1D29 looks like.

```
.text, #text, p{  
    color:#1B1D29  
}
```

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 #1B1D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1D29
}
```

Border

The CSS property to change the border of an element to Hex 1B1D29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

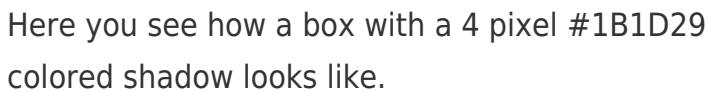
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1D29 }
```

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

```
.border{ border-color:#1B1D29 }
```

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



Here you see how a box with a 4 pixel #1B1D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1D29; -webkit-box-shadow:4px 4px  
4px 4px #1B1D29; box-shadow:4px 4px 4px  
4px #1B1D29 }
```

Background

The CSS property to change the background color of an element to Hex 1B1D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1D29 }
```

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

```
.background{ background-color:#1B1D29 }
```

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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