

Converting Colors

Hex(1B1833)

Have a look what the booklet for
Hex(1B1833) contains.

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Color

Hex(1B1833)

Conversions

Conversions Part 1

Format	Color
Hex	1B1833
RGB	27, 24, 51
RGB Percent	11%, 9%, 20%
CMY	0.8941, 0.9059, 0.8000
CMYK	0.47, 0.53, 0.00, 0.80
HSL	247°, 36%, 15%
HSV	247°, 53%, 20%
XYZ	1.3762, 1.1253, 3.2766
YIQ	27.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

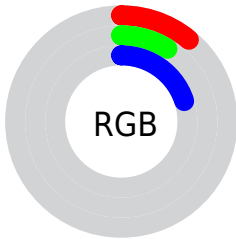
Format	Color
R_{YB}	27, 24, 51
Decimal	1775667
CIE Lab	9.99, 9.82, -17.39
CIE LCh	10, 19.972, 299.453
Yxy	1.1253, 0.2382, 0.1948
Android (android.graphics.Color)	4279965747 (0xFF1B1833)
YUV	27.9750, 11.3513, -0.8551
Hunter-Lab	10.6080, 4.5927, -10.8881

Details

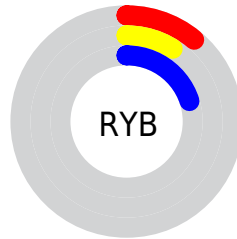
The Hex color **1B1833** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **303318**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **484362**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **161333**, and if you desaturate by 10%, it is **201D33**.

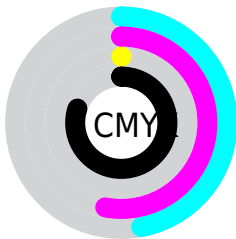
Distribution



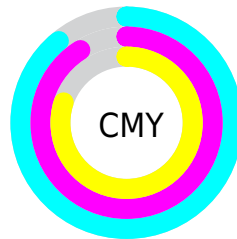
- Red (11%)
- Green (9%)
- Blue (20%)



- Red (11%)
- Yellow (9%)
- Blue (20%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1833 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 1B1833 by changing the saturation by 10% instead.

■ 1B1833

■ 1B1833

■ FFFAFF

■ 05001E

■ 484362

■ 000000

■ 605A7B

■ 797394

■ 938CAF

■ AEA7CB

■ C9C2E7

■ E6DEFF

■ 1B1833

■ 1B1833

■ 161333

■ 201D33

■ 120E33

■ 242233

■ 0D0933

■ 292733

■ 090433

■ 2D2C33

■ 060033

■ 323233

■ 363733

■ 3B3C33

■ 3F4133

■ 444633

Harmonies

Analogous

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



001D36



1B1833



2B1229

Triad

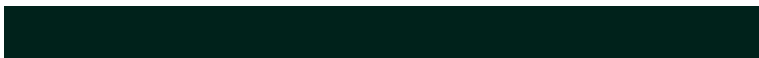
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B1833



2E1500



00221B

Complementary

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



1B1833



303318

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.



02210B



1B1833



241B00

Square

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



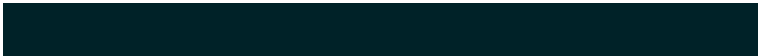
1B1833



33100D



181E00



002228

Rectangle

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



1B1833



310F21



181E00



002216

Sweetspot

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



1B1833



393842



183033



1C1B21



A1A1A1



212121

Same Dimension

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



1B1833



1D1842



281833



17171A



0A0059



1800D9

Inverse Universe

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



331830



42183E



233318



1A1719



59004F



D900C1

Previews

White Background



This preview shows how the Hex color 1B1833 looks on a white background.

Color Contrast Check

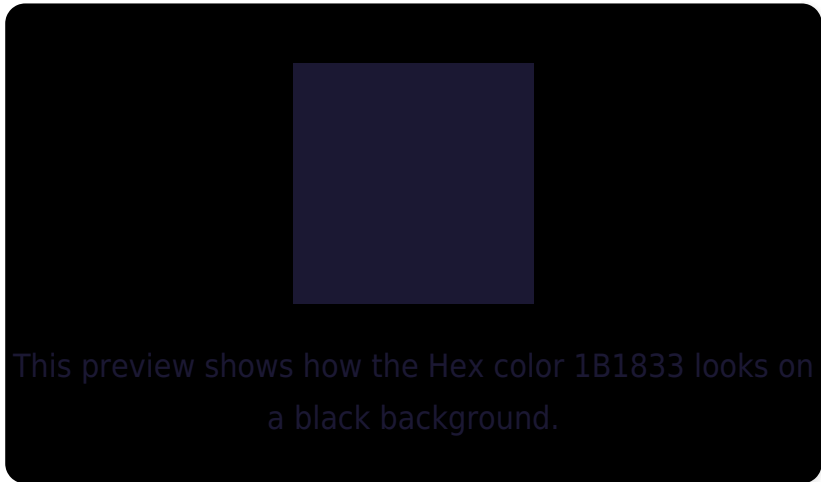
Large Text (above 18pt) WCAG AA ✓ Pass

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

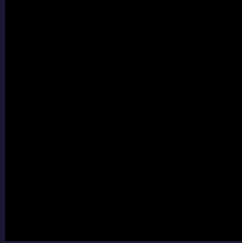
Any Text WCAG AA × Fail

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 1B1833 Background



This preview shows how black text looks on a background with the Hex color 1B1833.



This preview shows how white text looks on a background with the Hex color 1B1833.

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
1B1833

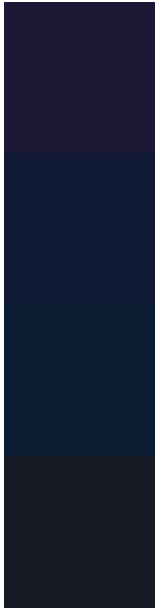
Protanopia
0B1B36

Deuteranopia
021C32



Tritanopia
151D1F

Trichromacy



Original Color
1B1833

Protanomaly
111A35

Deuteranomaly
0B1B32

Tritanomaly
171B26

Monochromacy



Original Color
1B1833

Achromatopsia
1C1C1C

Achromatomaly
1C1B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1833 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 #1B1833 looks like.

```
.text, #text, p{  
    color:#1B1833  
}
```

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 #1B1833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1833
}
```

Border

The CSS property to change the border of an element to Hex 1B1833 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
#1B1833 }
```

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

```
.border{ border-color:#1B1833 }
```

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

Here you see how a box with a 4 pixel #1B1833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1833; -webkit-box-shadow:4px 4px  
4px 4px #1B1833; box-shadow:4px 4px 4px  
4px #1B1833 }
```

Background

The CSS property to change the background color of an element to Hex 1B1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1833 }
```

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

```
.background{ background-color:#1B1833 }
```

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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