

Converting Colors

Hex(1B1B23)

Have a look what the booklet for
Hex(1B1B23) contains.

Hex(1B1B23)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B1B23)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B23
RGB	27, 27, 35
RGB Percent	11%, 11%, 14%
CMY	0.8941, 0.8941, 0.8627
CMYK	0.23, 0.23, 0.00, 0.86
HSL	240°, 13%, 12%
HSV	240°, 23%, 14%
XYZ	1.1473, 1.1382, 1.7493
YIQ	27.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

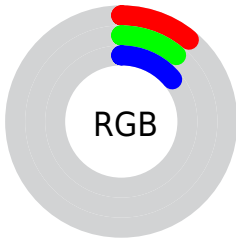
Format	Color
R_{YB}	27, 27, 35
Decimal	1776419
CIE Lab	10.09, 2.22, -5.48
CIE LCh	10, 5.912, 292.098
Yxy	1.1382, 0.2843, 0.2821
Android (android.graphics.Color)	4279966499 (0xFF1B1B23)
YUV	27.9120, 3.4944, -0.7998
Hunter-Lab	10.6688, 0.5252, -2.2535

Details

The Hex color **1B1B23** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23231B**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **46464F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **181823**, and if you desaturate by 10%, it is **1E1E23**.

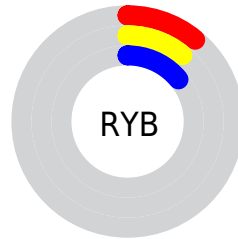
Distribution



Red (11%)

Green (11%)

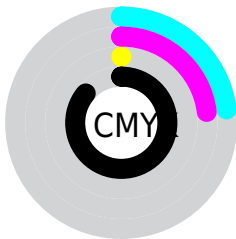
Blue (14%)



Red (11%)

Yellow (11%)

Blue (14%)

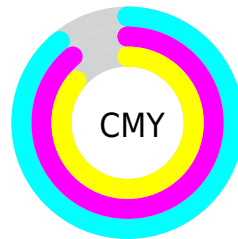


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (86%)



Cyan (89%)

Magenta (89%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1B23 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 1B1B23 by changing the saturation by 10% instead.

■ 1B1B23

■ 1B1B23

FFFEFF

■ 00000D

■ 46464F

■ 000000

■ 5E5E67

■ 777680

■ 90909A

■ ABAAB5

■ C6C6D1

■ E2E2ED

■ 1B1B23

■ 1B1B23

■ 181823

■ 1E1E23

■ 141423

■ 222223

■ 111123

■ 262623

■ 0D0D23

■ 292923

■ 090923

■ 2D2D23

■ 060623

■ 303023

■ 020223

■ 343423

■ 000023

■ 373723

■ 3B3B23

Harmonies

Analogous

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



161C23



1B1B23



201A21

Triad

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



1B1B23



231A15



131E1A

Complementary

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



1B1B23



23231B

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.



171D17



1B1B23



201B14

Square

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



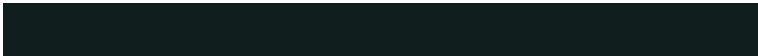
1B1B23



241919



1C1C14



111E1E

Rectangle

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



1B1B23



22191E



1C1C14



141E19

Sweetspot

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



1B1B23



2B2B2E



1B2323



151517



969696



171717

Same Dimension

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



1B1B23



22222E



1F1B23



101012



000052



0000D1

Inverse Universe

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



231B23



2E222E



1F231B



121012



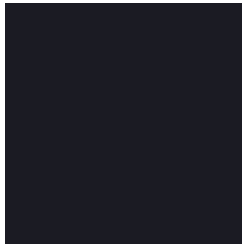
520052



D100D1

Previews

White Background



This preview shows how the Hex color 1B1B23 looks on a white background.

Color Contrast Check

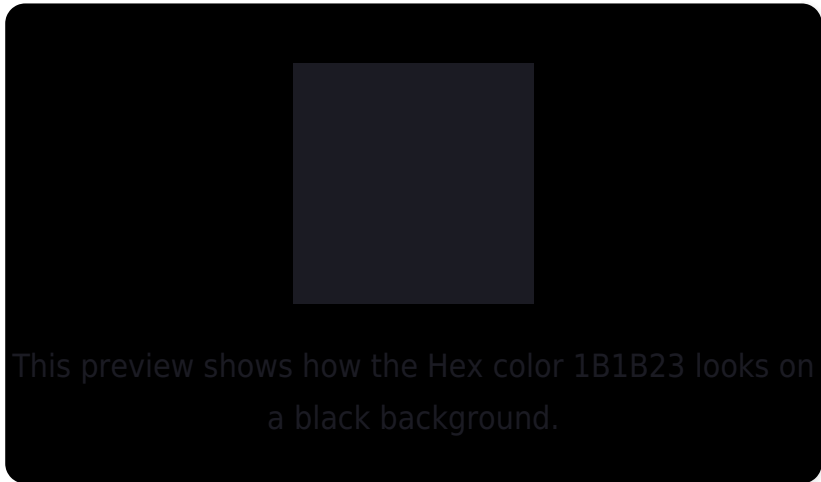
Large Text (above 18pt) WCAG AA ✓ Pass

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

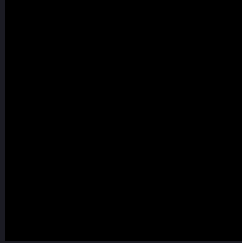
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

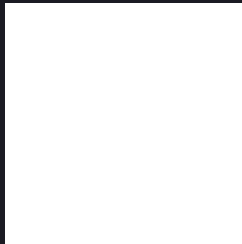
Any Text WCAG AAA × Fail

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

Hex 1B1B23 Background



This preview shows how black text looks on a background with the Hex color 1B1B23.



This preview shows how white text looks on a background with the Hex color 1B1B23.

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
1B1B23

Protanopia
1A1B23

Deuteranopia
1B1B23



Tritanopia
1A1C1E

Trichromacy



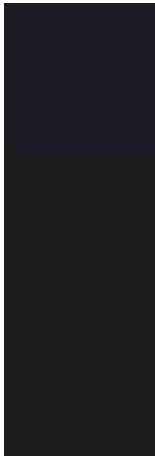
Original Color
1B1B23

Protanomaly
1A1B23

Deuteranomaly
1B1B23

Tritanomaly
1A1C20

Monochromacy



Original Color
1B1B23

Achromatopsia
1C1C1C

Achromatomaly
1C1C1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B23 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 #1B1B23 looks like.

```
.text, #text, p{  
    color:#1B1B23  
}
```

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 #1B1B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B23
}
```

Border

The CSS property to change the border of an element to Hex 1B1B23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

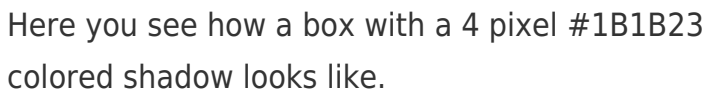
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1B23 }
```

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

```
.border{ border-color:#1B1B23 }
```

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



Here you see how a box with a 4 pixel #1B1B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B23; -webkit-box-shadow:4px 4px  
4px 4px #1B1B23; box-shadow:4px 4px 4px  
4px #1B1B23 }
```

Background

The CSS property to change the background color of an element to Hex 1B1B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B23 }
```

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

```
.background{ background-color:#1B1B23 }
```

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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