

Converting Colors

Hex(1B2B23)

Have a look what the booklet for
Hex(1B2B23) contains.

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Color

Hex(1B2B23)

Conversions

Conversions Part 1

Format	Color
Hex	1B2B23
RGB	27, 43, 35
RGB Percent	11%, 17%, 14%
CMY	0.8941, 0.8314, 0.8627
CMYK	0.37, 0.00, 0.19, 0.83
HSL	150°, 23%, 14%
HSV	150°, 37%, 17%
XYZ	1.6192, 2.0821, 1.9067
YIQ	37.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

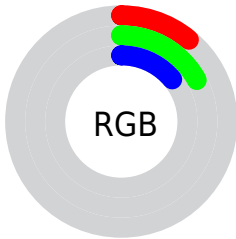
Format	Color
RYB	27, 38, 43
Decimal	1780515
CIELab	15.91, -8.90, 3.09
CIElCh	16, 9.418, 160.875
Yxy	2.0821, 0.2887, 0.3713
Android (android.graphics.Color)	4279970595 (0xFF1B2B23)
YUV	37.3040, -1.1359, -9.0366
Hunter-Lab	14.4295, -5.2209, 2.2664

Details

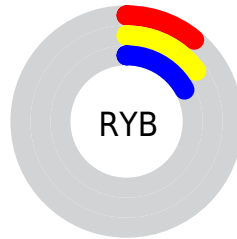
The Hex color **1B2B23** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B1B23**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **47584F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **172B21**, and if you desaturate by 10%, it is **1F2B25**.

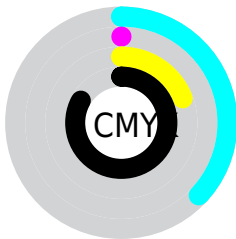
Distribution



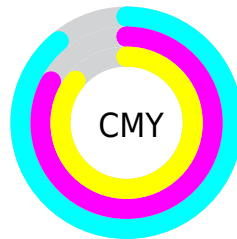
- Red (11%)
- Green (17%)
- Blue (14%)



- Red (11%)
- Yellow (15%)
- Blue (17%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (83%)



- Cyan (89%)
- Magenta (83%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2B23 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 1B2B23 by changing the saturation by 10% instead.

■ 1B2B23

■ 1B2B23

FFFFFF

■ 02170D

■ 47584F

■ 000000

■ 5F7167

■ 788A80

■ 91A59A

■ ACC0B5

■ C7DCD1

■ E3F8ED

■ 1B2B23

■ 1B2B23

■ 172B21

■ 1F2B25

■ 122B1F

■ 242B27

■ 0E2B1D

■ 282B29

■ 0A2B1A

■ 2C2B2C

■ 052B18

■ 312B2E

■ 012B16

■ 352B30

■ 002B16

■ 392B32

■ 3D2B34

■ 422B36

Harmonies

Analogous

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



232A1D



1B2B23



152B2A

Triad

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



1B2B23



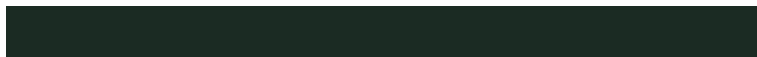
232735



34241F

Complementary

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



1B2B23



2B1B23

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.



352325



1B2B23



2C2532

Square

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



1B2B23



1A2934



32232C



30261B

Rectangle

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



1B2B23



142B2E



32232C



352321

Sweetspot

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



1B2B23



323835



232B1B



181C1A



9C9C9C



1C1C1C

Same Dimension

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



1B2B23



1F382B



1B2B2B



121413



00542A



00D46A

Inverse Universe

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



2B1B23



381F2B



2B1B1B



141213



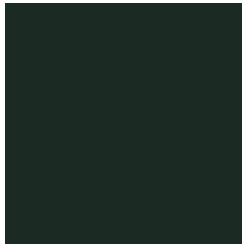
54002A



D4006A

Previews

White Background



This preview shows how the Hex color 1B2B23 looks on a white background.

Color Contrast Check

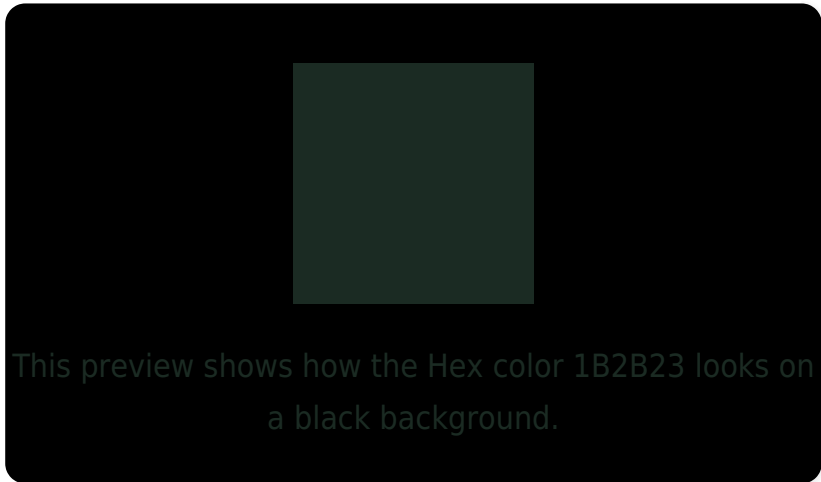
Large Text (above 18pt) WCAG AA ✓ Pass

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

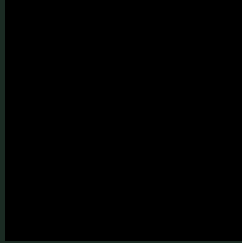
Any Text WCAG AA × Fail

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 1B2B23 Background



This preview shows how black text looks on a background with the Hex color 1B2B23.



This preview shows how white text looks on a background with the Hex color 1B2B23.

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
1B2B23

Protanopia
2A2721

Deuteranopia
2D2624



Tritanopia
1D2A2D

Trichromacy



Original Color

1B2B23

Protanomaly

252822

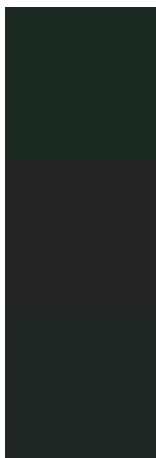
Deuteranomaly

262824

Tritanomaly

1C2A29

Monochromacy



Original Color

1B2B23

Achromatopsia

252525

Achromatomaly

212724

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2B23 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 #1B2B23 looks like.

```
.text, #text, p{  
    color:#1B2B23  
}
```

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 #1B2B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2B23
}
```

Border

The CSS property to change the border of an element to Hex 1B2B23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

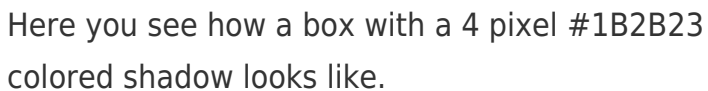
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B2B23 }
```

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

```
.border{ border-color:#1B2B23 }
```

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



Here you see how a box with a 4 pixel #1B2B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2B23; -webkit-box-shadow:4px 4px  
4px 4px #1B2B23; box-shadow:4px 4px 4px  
4px #1B2B23 }
```

Background

The CSS property to change the background color of an element to Hex 1B2B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2B23 }
```

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

```
.background{ background-color:#1B2B23 }
```

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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