

Converting Colors

Hex(1B2B3B)

Have a look what the booklet for
Hex(1B2B3B) contains.

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Color

Hex(1B2B3B)

Conversions

Conversions Part 1

Format	Color
Hex	1B2B3B
RGB	27, 43, 59
RGB Percent	11%, 17%, 23%
CMY	0.8941, 0.8314, 0.7686
CMYK	0.54, 0.27, 0.00, 0.77
HSL	210°, 37%, 17%
HSV	210°, 54%, 23%
XYZ	2.1053, 2.2765, 4.4661
YIQ	40.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

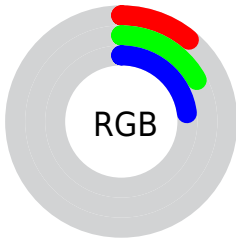
Format	Color
R_{YB}	27, 38, 59
Decimal	1780539
CIE Lab	16.88, -1.29, -12.29
CIE LCh	17, 12.358, 264.015
Yxy	2.2765, 0.2379, 0.2573
Android (android.graphics.Color)	4279970619 (0xFF1B2B3B)
YUV	40.0400, 9.3473, -11.4361
Hunter-Lab	15.0882, -1.4978, -6.9882

Details

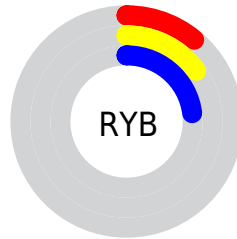
The Hex color **1B2B3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2B1B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **49586A**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **15283B**, and if you desaturate by 10%, it is **212E3B**.

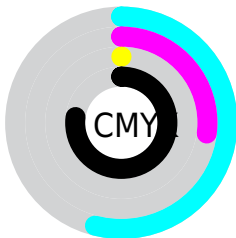
Distribution



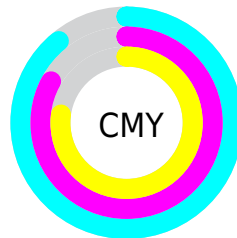
- Red (11%)
- Green (17%)
- Blue (23%)



- Red (11%)
- Yellow (15%)
- Blue (23%)



- Cyan (54%)
- Magenta (27%)
- Yellow (0%)
- Black (77%)



- Cyan (89%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2B3B 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 1B2B3B by changing the saturation by 10% instead.

■ 1B2B3B

■ 1B2B3B

FFFFFF

■ 041725

■ 49586A

■ 000110

■ 617183

■ 000000

■ 7A8A9E

■ 94A4B9

■ AFBFD4

■ CBD BF1

■ E7F8FF

■ 1B2B3B

■ 1B2B3B

■ 15283B

■ 212E3B

■ 0F253B

■ 27313B

■ 09223B

■ 2D343B

■ 031F3B

■ 33373B

■ 001D3B

■ 393A3B

■ 3E3D3B

■ 44403B

■ 4A433B

■ 50463B

Harmonies

Analogous

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



0F2D38



1B2B3B



28283A

Triad

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



1B2B3B



3B2323



1E2D1F

Complementary

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



1B2B3B



3B2B1B

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.



282B19



1B2B3B



38251C

Square

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



1B2B3B



3A232C



312818



142E27

Rectangle

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



1B2B3B



302636



312818



222D1D

Sweetspot

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



1B2B3B



40464D



1B3B2B



1F2326



A6A6A6



262626

Same Dimension

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



1B2B3B



1B344D



1B1B3B



1C1D1F



002F5E



006FDE

Inverse Universe

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



3B1B2B



4D1B34



3B3B1B



1F1C1D



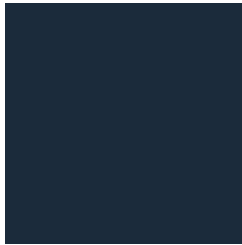
5E002F



DE006F

Previews

White Background



This preview shows how the Hex color 1B2B3B looks on a white background.

Color Contrast Check

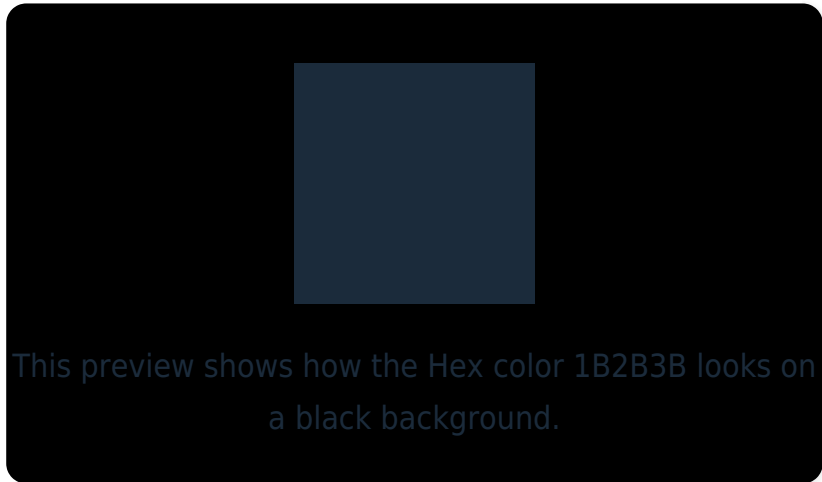
Large Text (above 18pt) WCAG AA ✓ Pass

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

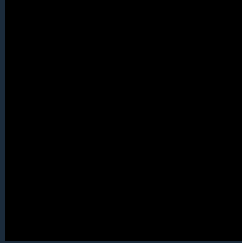
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

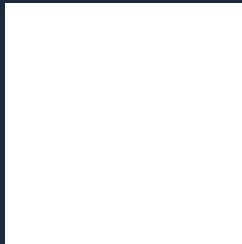
Any Text WCAG AAA × Fail

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

Hex 1B2B3B Background



This preview shows how black text looks on a background with the Hex color 1B2B3B.



This preview shows how white text looks on a background with the Hex color 1B2B3B.

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
1B2B3B

Protanopia
252939

Deuteranopia
23293B



Tritanopia
172D31

Trichromacy



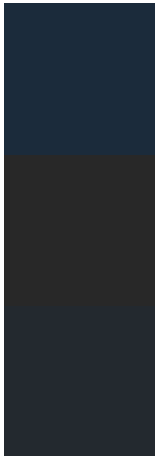
Original Color
1B2B3B

Protanomaly
212A3A

Deuteranomaly
202A3B

Tritanomaly
182C35

Monochromacy



Original Color
1B2B3B

Achromatopsia
282828

Achromatomaly
23292F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2B3B 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 #1B2B3B looks like.

```
.text, #text, p{  
    color:#1B2B3B  
}
```

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 #1B2B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2B3B
}
```

Border

The CSS property to change the border of an element to Hex 1B2B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

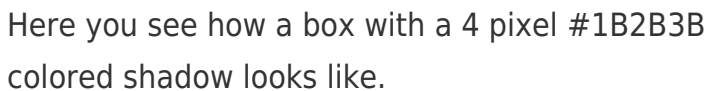
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B2B3B }
```

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

```
.border{ border-color:#1B2B3B }
```

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



Here you see how a box with a 4 pixel #1B2B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2B3B; -webkit-box-shadow:4px 4px  
4px 4px #1B2B3B; box-shadow:4px 4px 4px  
4px #1B2B3B }
```

Background

The CSS property to change the background color of an element to Hex 1B2B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2B3B }
```

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

```
.background{ background-color:#1B2B3B }
```

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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