

Converting Colors

Hex(1B2B22)

Have a look what the booklet for
Hex(1B2B22) contains.

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Color

Hex(1B2B22)

Conversions

Conversions Part 1

Format	Color
Hex	1B2B22
RGB	27, 43, 34
RGB Percent	11%, 17%, 13%
CMY	0.8941, 0.8314, 0.8667
CMYK	0.37, 0.00, 0.21, 0.83
HSL	146°, 23%, 14%
HSV	146°, 37%, 17%
XYZ	1.6046, 2.0763, 1.8296
YIQ	37.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

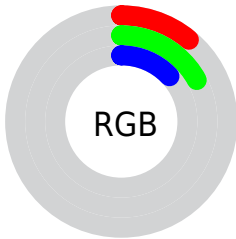
Format	Color
R _Y B	27, 38, 43
Decimal	1780514
CIE Lab	15.88, -9.16, 3.74
CIE LCh	16, 9.894, 157.766
Yxy	2.0763, 0.2912, 0.3768
Android (android.graphics.Color)	4279970594 (0xFF1B2B22)
YUV	37.1900, -1.5727, -8.9366
Hunter-Lab	14.4092, -5.3385, 2.5583

Details

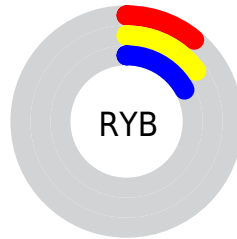
The Hex color **1B2B22** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B1B24**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **47584E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **172B20**, and if you desaturate by 10%, it is **1F2B24**.

Distribution



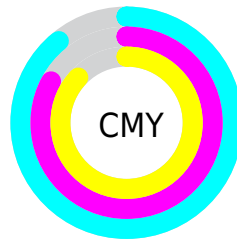
- Red (11%)
- Green (17%)
- Blue (13%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (21%)
- Black (83%)



- Cyan (89%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2B22 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 1B2B22 by changing the saturation by 10% instead.

■ 1B2B22

■ 1B2B22

FFFFFF

■ 02170C

■ 47584E

■ 000000

■ 5F7166

■ 788A7F

■ 91A599

■ ACC0B4

■ C7DCCF

■ E3F8EC

■ 1B2B22

■ 1B2B22

■ 172B20

■ 1F2B24

■ 122B1D

■ 242B27

■ 0E2B1B

■ 282B29

■ 0A2B18

■ 2C2B2C

■ 052B16

■ 312B2E

■ 012B13

■ 352B31

■ 002B13

■ 392B33

■ 3D2B35

■ 422B38

Harmonies

Analogous

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



232A1C



1B2B22



142B29

Triad

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



1B2B22



212835



35231F

Complementary

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



1B2B22



2B1B24

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.



362226



1B2B22



2B2533

Square

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



1B2B22



182A34



32232D



31251B

Rectangle

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



1B2B22



122B2E



32232D



362321

Sweetspot

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



1B2B22



323835



242B1B



181C1A



9C9C9C



1C1C1C

Same Dimension

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



1B2B22



1F382A



1B2B2A



121413



005425



00D45D

Inverse Universe

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



2B1B24



381F2D



2B1B1C



141214



54002F



D40077

Previews

White Background



This preview shows how the Hex color 1B2B22 looks on a white background.

Color Contrast Check

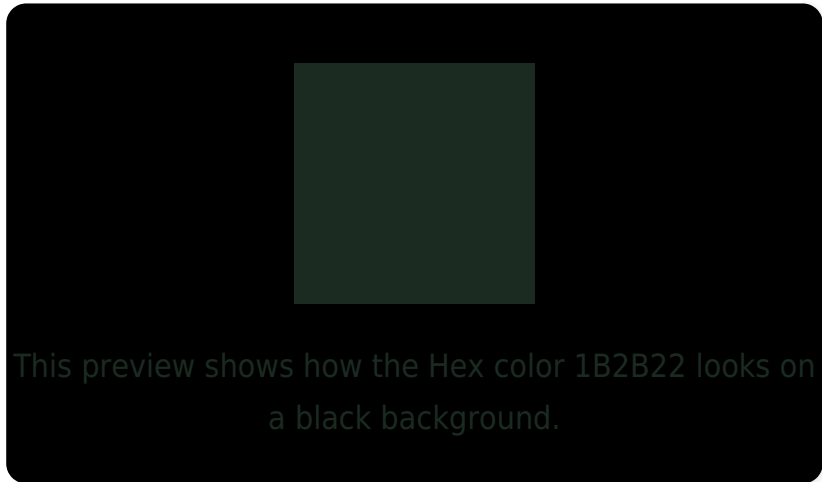
Large Text (above 18pt) WCAG AA ✓ Pass

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

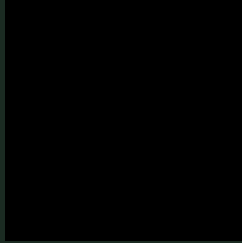
Any Text WCAG AA × Fail

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 1B2B22 Background



This preview shows how black text looks on a background with the Hex color 1B2B22.



This preview shows how white text looks on a background with the Hex color 1B2B22.

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
1B2B22

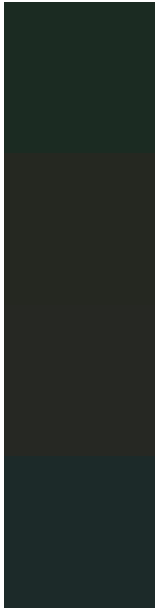
Protanopia
2A2720

Deuteranopia
2D2623



Tritanopia
1D2A2D

Trichromacy



Original Color
1B2B22

Protanomaly
252821

Deuteranomaly
262823

Tritanomaly
1C2A29

Monochromacy



Original Color
1B2B22

Achromatopsia
252525

Achromatomaly
212724

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2B22 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 #1B2B22 looks like.

```
.text, #text, p{  
    color:#1B2B22  
}
```

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 #1B2B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2B22
}
```

Border

The CSS property to change the border of an element to Hex 1B2B22 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
#1B2B22 }
```

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

```
.border{ border-color:#1B2B22 }
```

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

Here you see how a box with a 4 pixel #1B2B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2B22; -webkit-box-shadow:4px 4px  
4px 4px #1B2B22; box-shadow:4px 4px 4px  
4px #1B2B22 }
```

Background

The CSS property to change the background color of an element to Hex 1B2B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2B22 }
```

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

```
.background{ background-color:#1B2B22 }
```

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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