

Converting Colors

Hex(1D3B22)

Have a look what the booklet for
Hex(1D3B22) contains.

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Color

Hex(1D3B22)

Conversions

Conversions Part 1

Format	Color
Hex	1D3B22
RGB	29, 59, 34
RGB Percent	11%, 23%, 13%
CMY	0.8863, 0.7686, 0.8667
CMYK	0.51, 0.00, 0.42, 0.77
HSL	130°, 34%, 17%
HSV	130°, 51%, 23%
XYZ	2.3594, 3.5046, 2.0655
YIQ	47.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

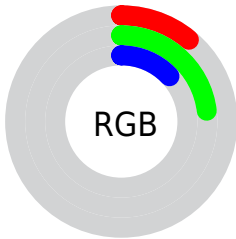
Format	Color
R _Y B	29, 55, 59
Decimal	1915682
CIE Lab	21.96, -17.77, 12.11
CIE LCh	22, 21.504, 145.724
Yxy	3.5046, 0.2975, 0.4420
Android (android.graphics.Color)	4280105762 (0xFF1D3B22)
YUV	47.1800, -6.4977, -15.9439
Hunter-Lab	18.7207, -10.2646, 6.5629

Details

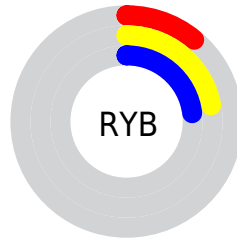
The Hex color **1D3B22** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B1D36**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4B6B4F**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **173B1D**, and if you desaturate by 10%, it is **233B27**.

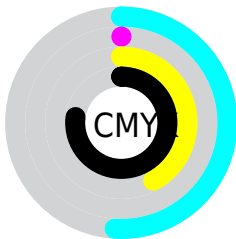
Distribution



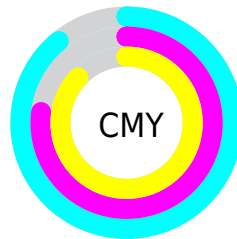
- Red (11%)
- Green (23%)
- Blue (13%)



- Red (11%)
- Yellow (22%)
- Blue (23%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (77%)



- Cyan (89%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3B22 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 1D3B22 by changing the saturation by 10% instead.



1D3B22



1D3B22

FFFFFF



07250D



4B6B4F



000D00



638467



000000



7D9E80



97B99A



B2D5B5



CDF1D0



EAF FEC



1D3B22



1D3B22

■ 173B1D

■ 233B27

■ 113B18

■ 293B2C

■ 0B3B13

■ 2F3B31

■ 053B0E

■ 353B36

■ 003B0A

■ 3B3B3B

■ 403B3F

■ 463B44

■ 4C3B49

■ 523B4E

Harmonies

Analogous

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



303817



1D3B22



003D32

Triad

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



1D3B22



133754



522828

Complementary

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



1D3B22



3B1D36

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.



512738



1D3B22



323151

Square

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



1D3B22



003B4F



462B47



4C2D1B

Rectangle

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



1D3B22



003D3D



462B47



53282D

Sweetspot

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



1D3B22



414D43



363B1D



1F2621



A6A6A6



262626

Same Dimension

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



1D3B22



1E4D26



1D3B31



1C1F1C



005E10



00DE25

Inverse Universe

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



3B1D36



4D1E45



3B1D27



1F1C1E



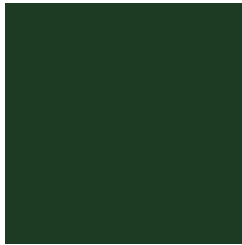
5E004F



DE00B9

Previews

White Background



This preview shows how the Hex color 1D3B22 looks on a white background.

Color Contrast Check

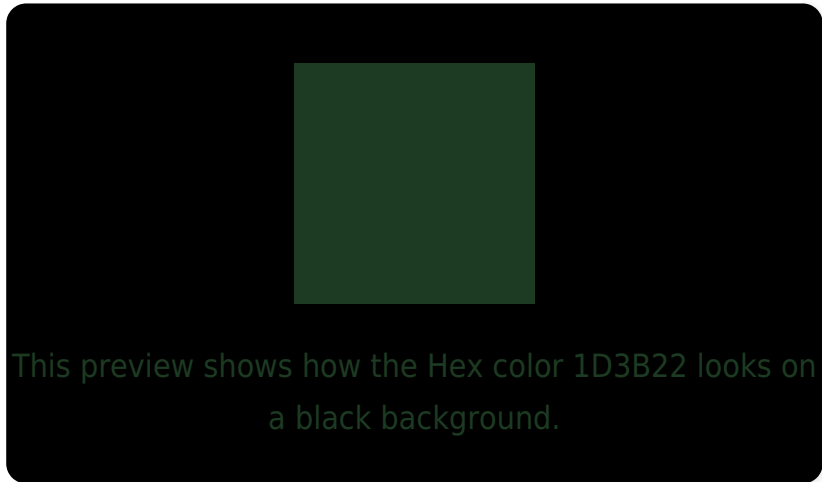
Large Text (above 18pt) WCAG AA ✓ Pass

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

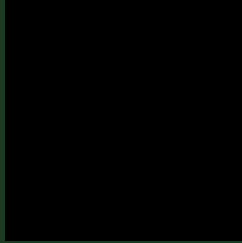
Any Text WCAG AA × Fail

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 1D3B22 Background



This preview shows how black text looks on a background with the Hex color 1D3B22.



This preview shows how white text looks on a background with the Hex color 1D3B22.

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](#).

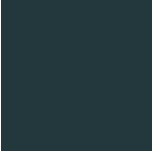
Dichromacy



Original Color
1D3B22

Protanopia
393520

Deuteranopia
3F3224



Tritanopia
23383C

Trichromacy



Original Color
1D3B22

Protanomaly
2F3721

Deuteranomaly
333523

Tritanomaly
213933

Monochromacy



Original Color
1D3B22

Achromatopsia
2F2F2F

Achromatomaly
28332A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3B22 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 #1D3B22 looks like.

```
.text, #text, p{  
    color:#1D3B22  
}
```

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 #1D3B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3B22
}
```

Border

The CSS property to change the border of an element to Hex 1D3B22 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".

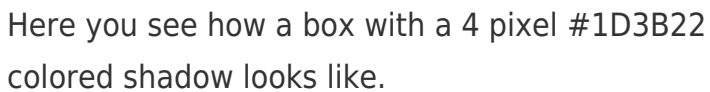
```
.border, #border, table{ border:4px solid
#1D3B22 }
```

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

```
.border{ border-color:#1D3B22 }
```

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

Here you see how a box with a 4 pixel #1D3B22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3B22; -webkit-box-shadow:4px 4px  
4px 4px #1D3B22; box-shadow:4px 4px 4px  
4px #1D3B22 }
```

Background

The CSS property to change the background color of an element to Hex 1D3B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3B22 }
```

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

```
.background{ background-color:#1D3B22 }
```

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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