

Converting Colors

Hex(181B22)

Have a look what the booklet for
Hex(181B22) contains.

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Color

Hex(181B22)

Conversions

Conversions Part 1

Format	Color
Hex	181B22
RGB	24, 27, 34
RGB Percent	9%, 11%, 13%
CMY	0.9059, 0.8941, 0.8667
CMYK	0.29, 0.21, 0.00, 0.87
HSL	222°, 17%, 11%
HSV	222°, 29%, 13%
XYZ	1.0574, 1.0935, 1.6687
YIQ	26.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

Format	Color
R_{YB}	24, 26, 34
Decimal	1579810
CIE Lab	9.75, 0.64, -5.29
CIE LCh	10, 5.324, 276.859
Yxy	1.0935, 0.2768, 0.2863
Android (android.graphics.Color)	4279769890 (0xFF181B22)
YUV	26.9010, 3.4998, -2.5442
Hunter-Lab	10.4573, -0.2518, -2.1411

Details

The Hex color **181B22** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **221F18**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **43464E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **151922**, and if you desaturate by 10%, it is **1B1D22**.

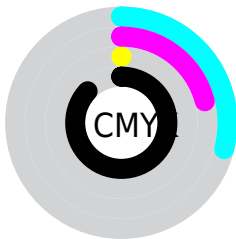
Distribution



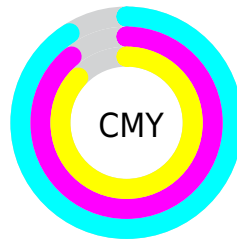
- Red (9%)
- Green (11%)
- Blue (13%)



- Red (9%)
- Yellow (10%)
- Blue (13%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 181B22 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 181B22 by changing the saturation by 10% instead.

■ 181B22

■ 181B22

■ FBFEFF

■ 00000C

■ 43464E

■ 000000

■ 5A5E66

■ 73767F

■ 8D9099

■ A7AAB4

■ C2C6CF

■ DEE2EC

■ 181B22

■ 181B22

■ 151922

■ 1B1D22

■ 111622

■ 1F2022

■ 0E1422

■ 222222

■ 0A1122

■ 262522

■ 070F22

■ 292722

■ 040D22

■ 2C2922

■ 000A22

■ 302C22

■ 332E22

■ 373022

Harmonies

Analogous

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



141C21



181B22



1D1A21

Triad

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



181B22



221917



151D18

Complementary

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



181B22



221F18

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.



191C15



181B22



201A14

Square

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



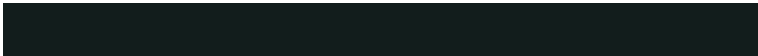
181B22



22181A



1D1B14



121D1C

Rectangle

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



181B22



1F191F



1D1B14



161D17

Sweetspot

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



181B22



27292B



18221F



141517



969696



171717

Same Dimension

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



181B22



1C212B



1A1822



101112



001852



003FD1

Inverse Universe

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



22181B



2B1C21



202218



121011



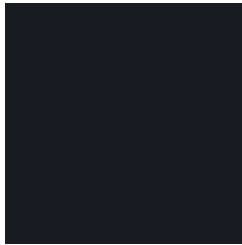
520018



D1003F

Previews

White Background



This preview shows how the Hex color 181B22 looks on a white background.

Color Contrast Check

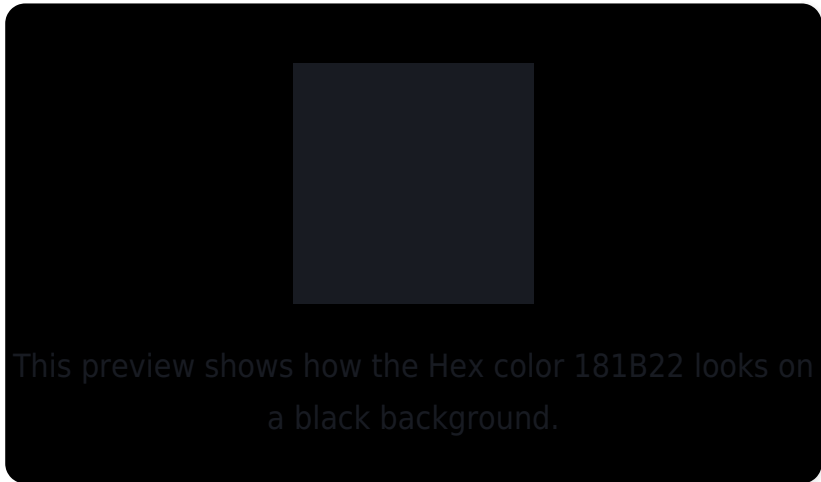
Large Text (above 18pt) WCAG AA ✓ Pass

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

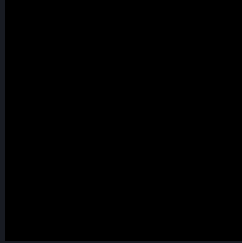
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

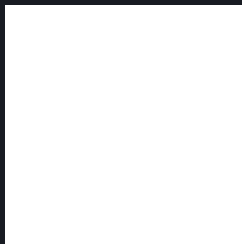
Any Text WCAG AAA × Fail

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

Hex 181B22 Background



This preview shows how black text looks on a background with the Hex color 181B22.



This preview shows how white text looks on a background with the Hex color 181B22.

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
181B22

Protanopia
191B22

Deuteranopia
1A1A22



Tritanopia
171C1E

Trichromacy



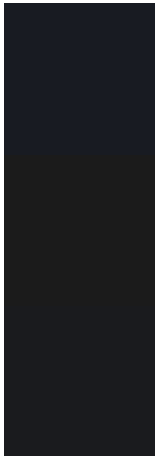
Original Color
181B22

Protanomaly
191B22

Deuteranomaly
191A22

Tritanomaly
171C1F

Monochromacy



Original Color
181B22

Achromatopsia
1B1B1B

Achromatomaly
1A1B1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 181B22 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 #181B22 looks like.

```
.text, #text, p{  
    color:#181B22  
}
```

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 #181B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #181B22  
}
```

Border

The CSS property to change the border of an element to Hex 181B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

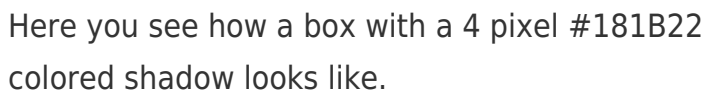
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#181B22 }
```

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

```
.border{ border-color:#181B22 }
```

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



Here you see how a box with a 4 pixel #181B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #181B22; -webkit-box-shadow:4px 4px  
4px 4px #181B22; box-shadow:4px 4px 4px  
4px #181B22 }
```

Background

The CSS property to change the background color of an element to Hex 181B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#181B22 }
```

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

```
.background{ background-color:#181B22 }
```

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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