

Converting Colors

Hex(161C18)

Have a look what the booklet for
Hex(161C18) contains.

Hex(161C18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(161C18)

Conversions

Conversions Part 1

Format	Color
Hex	161C18
RGB	22, 28, 24
RGB Percent	9%, 11%, 9%
CMY	0.9137, 0.8902, 0.9059
CMYK	0.21, 0.00, 0.14, 0.89
HSL	140°, 12%, 10%
HSV	140°, 21%, 11%
XYZ	0.9110, 1.0670, 1.0221
YIQ	25.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

Format	Color
R_YB	22, 27, 28
Decimal	1448984
CIE Lab	9.54, -3.87, 1.84
CIE LCh	10, 4.283, 154.544
Yxy	1.0670, 0.3037, 0.3557
Android (android.graphics.Color)	4279639064 (0xFF161C18)
YUV	25.7500, -0.8628, -3.2887
Hunter-Lab	10.3297, -2.3347, 1.3642

Details

The Hex color **161C18** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C161A**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **404743**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **131C16**, and if you desaturate by 10%, it is **191C1A**.

Distribution



Red (9%)

Green (11%)

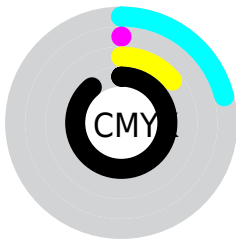
Blue (9%)



Red (9%)

Yellow (11%)

Blue (11%)



Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (89%)



Cyan (91%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161C18 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 161C18 by changing the saturation by 10% instead.

■ 161C18

■ 161C18

■ F7FFFA

■ 000000

■ 404743

■ 585F5A

■ 707873

■ 8A918C

■ A4ACA6

■ BFC7C2

■ DBE3DD

■ 161C18

■ 161C18

■ 131C16

■ 191C1A

■ 101C14

■ 1C1C1C

■ 0E1C12

■ 1E1C1E

■ 0B1C11

■ 211C1F

■ 081C0F

■ 241C21

■ 051C0D

■ 271C23

■ 021C0B

■ 2A1C25

■ 001C09

■ 2C1C27

■ 2F1C29

Harmonies

Analogous

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



191B16



161C18



141C1B

Triad

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



161C18



181B20



211917

Complementary

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



161C18



1C161A

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.



20191A



161C18



1C1A1F

Square

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



161C18



151C20



1F191D



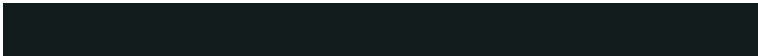
1F1A15

Rectangle

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



161C18



131C1D



1F191D



211918

Sweetspot

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



161C18



222422



1A1C16



111211



919191



121212

Same Dimension

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



161C18



1A241E



161C1B



0B0D0C



004D1A



00CC44

Inverse Universe

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



1C161A



241A21



1C1617



0D0B0C



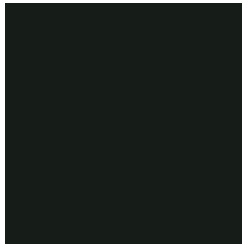
4D0033



CC0088

Previews

White Background



This preview shows how the Hex color 161C18 looks on a white background.

Color Contrast Check

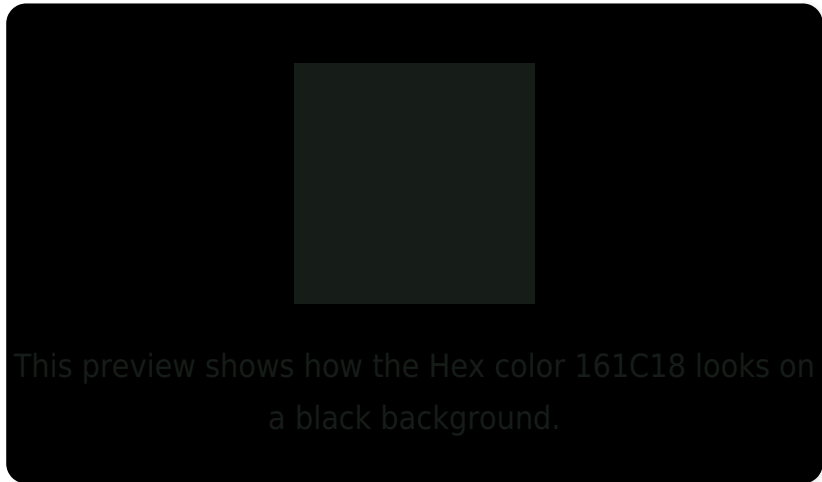
Large Text (above 18pt) WCAG AA ✓ Pass

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

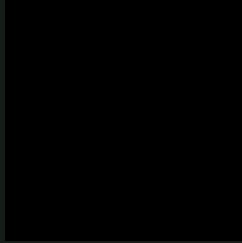
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

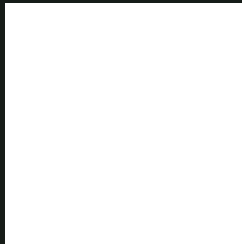
Any Text WCAG AAA × Fail

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

Hex 161C18 Background



This preview shows how black text looks on a background with the Hex color 161C18.

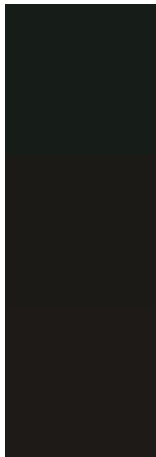


This preview shows how white text looks on a background with the Hex color 161C18.

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
161C18

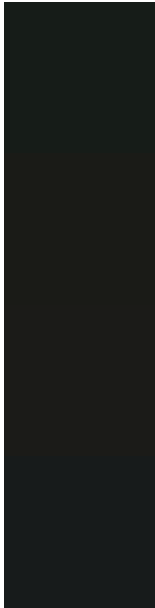
Protanopia
1C1A17

Deuteranopia
1E1A18



Tritanopia
171B1D

Trichromacy



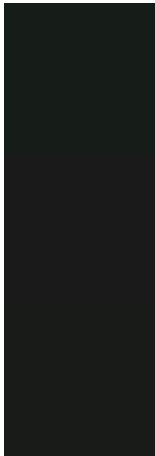
Original Color
161C18

Protanomaly
1A1B17

Deuteranomaly
1B1B18

Tritanomaly
171B1B

Monochromacy



Original Color
161C18

Achromatopsia
1A1A1A

Achromatomaly
191B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 161C18 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 #161C18 looks like.

```
.text, #text, p{  
    color:#161C18  
}
```

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 #161C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161C18
}
```

Border

The CSS property to change the border of an element to Hex 161C18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

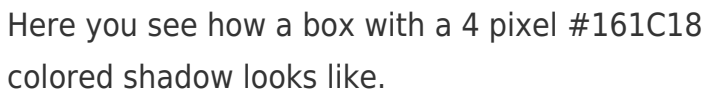
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#161C18 }
```

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

```
.border{ border-color:#161C18 }
```

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



Here you see how a box with a 4 pixel #161C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161C18; -webkit-box-shadow:4px 4px  
4px 4px #161C18; box-shadow:4px 4px 4px  
4px #161C18 }
```

Background

The CSS property to change the background color of an element to Hex 161C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161C18 }
```

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

```
.background{ background-color:#161C18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor