

Converting Colors

Hex(161D13)

Have a look what the booklet for
Hex(161D13) contains.

Hex(161D13)	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(161D13)

Conversions

Conversions Part 1

Format	Color
Hex	161D13
RGB	22, 29, 19
RGB Percent	9%, 11%, 7%
CMY	0.9137, 0.8863, 0.9255
CMYK	0.24, 0.00, 0.34, 0.89
HSL	102°, 21%, 9%
HSV	102°, 34%, 11%
XYZ	0.8878, 1.0963, 0.7809
YIQ	25.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

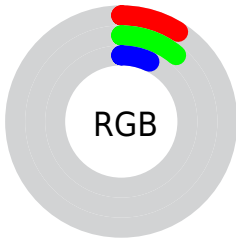
Format	Color
R_YB	19, 29, 26
Decimal	1449235
CIE _{Lab}	9.77, -5.78, 5.67
CIE _{LCh}	10, 8.096, 135.507
Yxy	1.0963, 0.3211, 0.3965
Android (android.graphics.Color)	4279639315 (0xFF161D13)
YUV	25.7670, -3.3361, -3.3037
Hunter-Lab	10.4705, -3.1886, 2.9074

Details

The Hex color **161D13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A131D**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **40483D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141D10**, and if you desaturate by 10%, it is **181D16**.

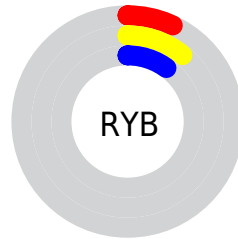
Distribution



Red (9%)

Green (11%)

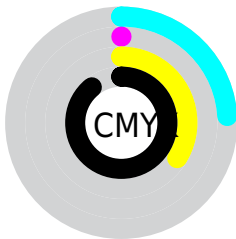
Blue (7%)



Red (7%)

Yellow (11%)

Blue (10%)

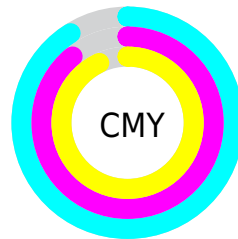


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (89%)



Cyan (91%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161D13 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 161D13 by changing the saturation by 10% instead.

■ 161D13

■ 161D13

■ F7FFF3

■ 000000

■ 40483D

■ 586054

■ 70796D

■ 8A9386

■ A4ADA0

■ BFC9BB

■ DBE5D7

■ 161D13

■ 161D13

■ 141D10

■ 181D16

■ 121D0D

■ 1A1D19

■ 101D0A

■ 1C1D1C

■ 0E1D07

■ 1E1D1F

■ 0C1D05

■ 201D22

■ 0A1D02

■ 221D24

■ 091D00

■ 241D27

■ 261D2A

■ 281D2D

Harmonies

Analogous

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



1C1C10



161D13



101E18

Triad

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



161D13



111C25



261718

Complementary

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



161D13



1A131D

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.



24171E



161D13



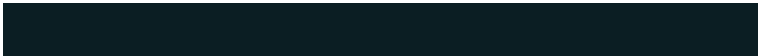
181B25

Square

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



161D13



0B1E23



1F1923



251813

Rectangle

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



161D13



0C1E1C



1F1923



26171A

Sweetspot

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



161D13



242622



1D1A13



131412



949494



141414

Same Dimension

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



161D13



1B2617



131D15



0E0F0E



184F00



3ECF00

Inverse Universe

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



1A131D



221726



1D131B



0F0E0F



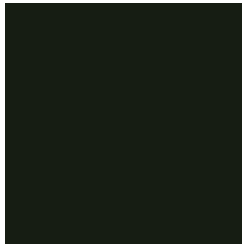
37004F



9100CF

Previews

White Background



This preview shows how the Hex color 161D13 looks on a white background.

Color Contrast Check

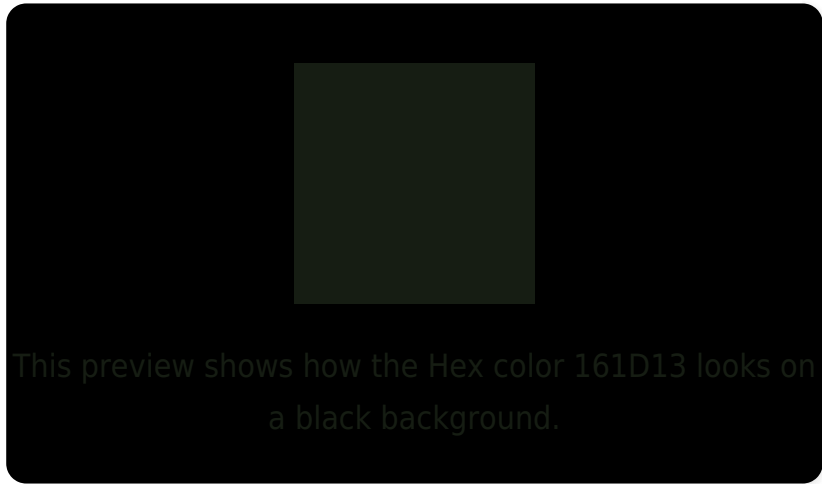
Large Text (above 18pt) WCAG AA ✓ Pass

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 161D13 Background



This preview shows how black text looks on a background with the Hex color 161D13.

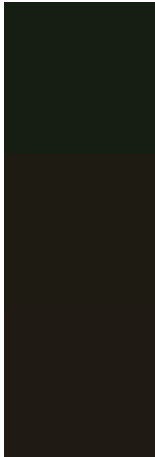


This preview shows how white text looks on a background with the Hex color 161D13.

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
161D13

Protanopia
1D1B12

Deuteranopia
201A14



Tritanopia
181C1E

Trichromacy



Original Color

161D13

Protanomaly

1A1C12

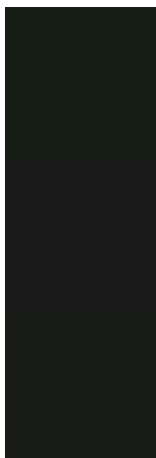
Deuteranomaly

1C1B14

Tritanomaly

171C1A

Monochromacy



Original Color

161D13

Achromatopsia

1A1A1A

Achromatomaly

191B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 161D13 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 #161D13 looks like.

```
.text, #text, p{  
    color:#161D13  
}
```

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 #161D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161D13
}
```

Border

The CSS property to change the border of an element to Hex 161D13 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".

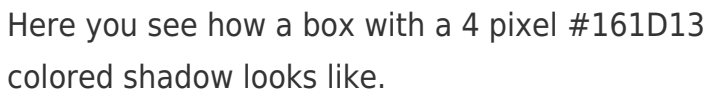
```
.border, #border, table{ border:4px solid
#161D13 }
```

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

```
.border{ border-color:#161D13 }
```

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

Here you see how a box with a 4 pixel #161D13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161D13; -webkit-box-shadow:4px 4px  
4px 4px #161D13; box-shadow:4px 4px 4px  
4px #161D13 }
```

Background

The CSS property to change the background color of an element to Hex 161D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161D13 }
```

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

```
.background{ background-color:#161D13 }
```

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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