

Converting Colors

Hex(161B13)

Have a look what the booklet for
Hex(161B13) contains.

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Color

Hex(161B13)

Conversions

Conversions Part 1

Format	Color
Hex	161B13
RGB	22, 27, 19
RGB Percent	9%, 11%, 7%
CMY	0.9137, 0.8941, 0.9255
CMYK	0.19, 0.00, 0.30, 0.89
HSL	98°, 17%, 9%
HSV	98°, 30%, 11%
XYZ	0.8404, 1.0015, 0.7651
YIQ	24.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

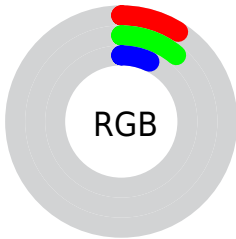
Format	Color
RYB	19, 27, 24
Decimal	1448723
CIELab	9.00, -4.38, 4.58
CIELCh	9, 6.340, 133.751
Yxy	1.0015, 0.3224, 0.3842
Android (android.graphics.Color)	4279638803 (0xFF161B13)
YUV	24.5930, -2.7573, -2.2741
Hunter-Lab	10.0073, -2.5234, 2.4721

Details

The Hex color **161B13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18131B**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **40463D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141B10**, and if you desaturate by 10%, it is **181B16**.

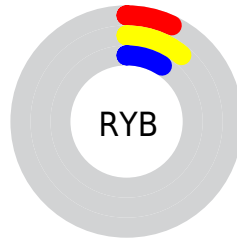
Distribution



Red (9%)

Green (11%)

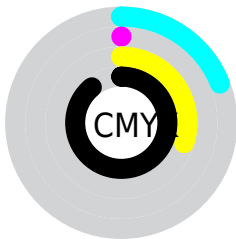
Blue (7%)



Red (7%)

Yellow (11%)

Blue (9%)

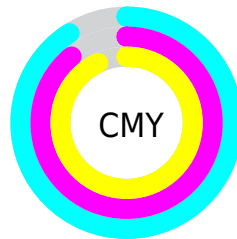


Cyan (19%)

Magenta (0%)

Yellow (30%)

Black (89%)



Cyan (91%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161B13 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 161B13 by changing the saturation by 10% instead.

■ 161B13

■ 161B13

■ F7FEF3

■ 000000

■ 40463D

■ 585E54

■ 70766D

■ 899086

■ A4ABA0

■ BFC6BB

■ DBE2D7

■ 161B13

■ 161B13

■ 141B10

■ 181B16

■ 131B0E

■ 191B18

■ 111B0B

■ 1B1B1B

■ 0F1B08

■ 1D1B1E

■ 0E1B06

■ 1E1B21

■ 0C1B03

■ 201B23

■ 0A1B00

■ 221B26

■ 241B29

■ 251B2B

Harmonies

Analogous

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



1B1A10



161B13



111C17

Triad

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



161B13



121B21



221718

Complementary

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



161B13



18131B

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.



21171C



161B13



171922

Square

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



161B13



0E1C1F



1D1820



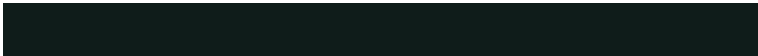
221714

Rectangle

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



161B13



0F1C1A



1D1820



221619

Sweetspot

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



161B13



222420



1B1813



111210



919191



121212

Same Dimension

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



161B13



1C2417



131B14



0C0D0B



1D4D00



4DCC00

Inverse Universe

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



18131B



1F1724



1B131A



0C0B0D



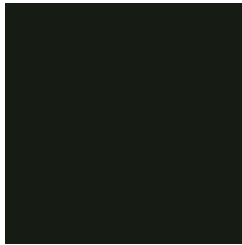
30004D



8000CC

Previews

White Background



This preview shows how the Hex color 161B13 looks on a white background.

Color Contrast Check

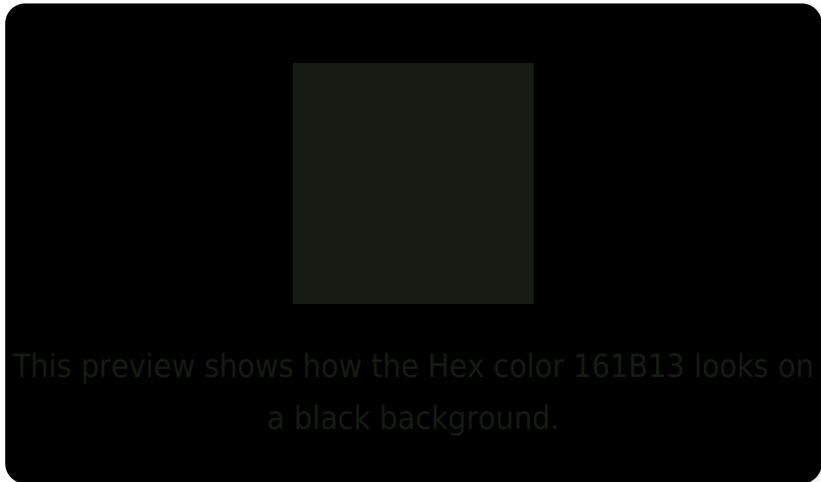
Large Text (above 18pt) WCAG AA ✓ Pass

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

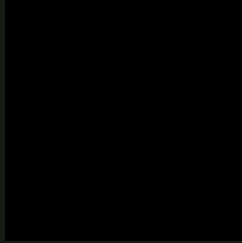
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

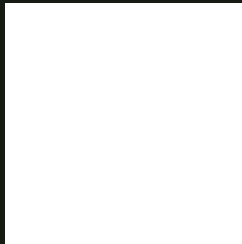
Any Text WCAG AAA × Fail

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

Hex 161B13 Background



This preview shows how black text looks on a background with the Hex color 161B13.



This preview shows how white text looks on a background with the Hex color 161B13.

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

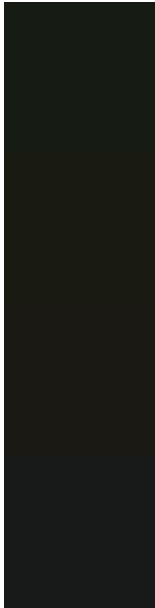


Original Color
161B13

Protanopia
1B1912

Deuteranopia
1E1814

Trichromacy



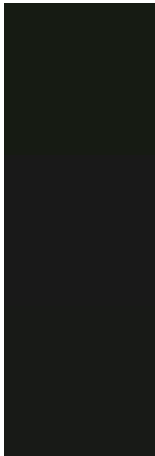
Original Color
161B13

Protanomaly
191A12

Deuteranomaly
1B1914

Tritanomaly
171A19

Monochromacy



Original Color
161B13

Achromatopsia
191919

Achromatomaly
181A17

CSS Examples

Text

The CSS property to change the color of the text to Hex 161B13 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 #161B13 looks like.

```
.text, #text, p{  
    color:#161B13  
}
```

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 #161B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161B13  
}
```

Border

The CSS property to change the border of an element to Hex 161B13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

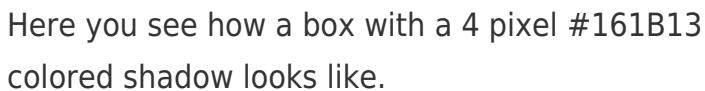
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#161B13 }
```

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

```
.border{ border-color:#161B13 }
```

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



Here you see how a box with a 4 pixel #161B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161B13; -webkit-box-shadow:4px 4px  
4px 4px #161B13; box-shadow:4px 4px 4px  
4px #161B13 }
```

Background

The CSS property to change the background color of an element to Hex 161B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161B13 }
```

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

```
.background{ background-color:#161B13 }
```

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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