

Converting Colors

Hex(161B23)

Have a look what the booklet for
Hex(161B23) contains.

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Color

Hex(161B23)

Conversions

Conversions Part 1

Format	Color
Hex	161B23
RGB	22, 27, 35
RGB Percent	9%, 11%, 14%
CMY	0.9137, 0.8941, 0.8627
CMYK	0.37, 0.23, 0.00, 0.86
HSL	217°, 23%, 11%
HSV	217°, 37%, 14%
XYZ	1.0262, 1.0758, 1.7437
YIQ	26.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

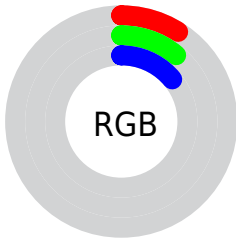
Format	Color
RYB	22, 26, 35
Decimal	1448739
CIELab	9.61, 0.13, -6.26
CIELCh	10, 6.262, 271.210
Yxy	1.0758, 0.2668, 0.2797
Android (android.graphics.Color)	4279638819 (0xFF161B23)
YUV	26.4170, 4.2314, -3.8737
Hunter-Lab	10.3720, -0.4907, -2.7070




Details

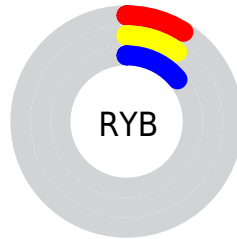
The Hex color **161B23** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **231E16**, and the grayscale version is **1A1A1A**.




A 20% lighter version of the original color is **41464F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **121923**, and if you desaturate by 10%, it is **191D23**.

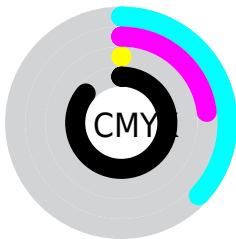
Distribution







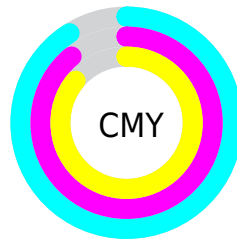
-  Red (9%)
-  Green (11%)
-  Blue (14%)






-  Red (9%)
-  Yellow (10%)
-  Blue (14%)



-  Cyan (37%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (86%)



-  Cyan (91%)
-  Magenta (89%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161B23 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 161B23 by changing the saturation by 10% instead.

■ 161B23

■ 161B23

■ F8FEFF

■ 00010D

■ 41464F

■ 000000

■ 585E67

■ 717680

■ 8A909A

■ A5AAB5

■ C0C6D1

■ DCE2ED

■ 161B23

■ 161B23

■ 121923

■ 191D23

■ 0F1723

■ 1D1F23

■ 0C1523

■ 212123

■ 081223

■ 242423

■ 041023

■ 282623

■ 010E23

■ 2B2823

■ 000D23

■ 2F2A23

■ 322C23

■ 362E23

Harmonies

Analogous

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



111C22



161B23



1C1A22

Triad

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



161B23



231817



141D17

Complementary

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



161B23



231E16

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.



191C13



161B23



211913

Square

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



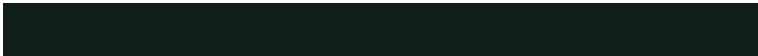
161B23



23181B



1E1A12



101D1B

Rectangle

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



161B23



1F1920



1E1A12



161C15

Sweetspot

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



161B23



292B2E



16231E



141517



969696



171717

Same Dimension

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



161B23



19212E



171623



101112



001F52



0050D1

Inverse Universe

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



23161B



2E1921



222316



121011



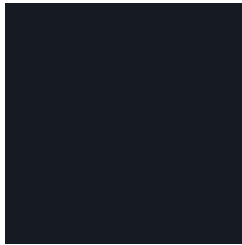
52001F



D10050

Previews

White Background



This preview shows how the Hex color 161B23 looks on a white background.

Color Contrast Check

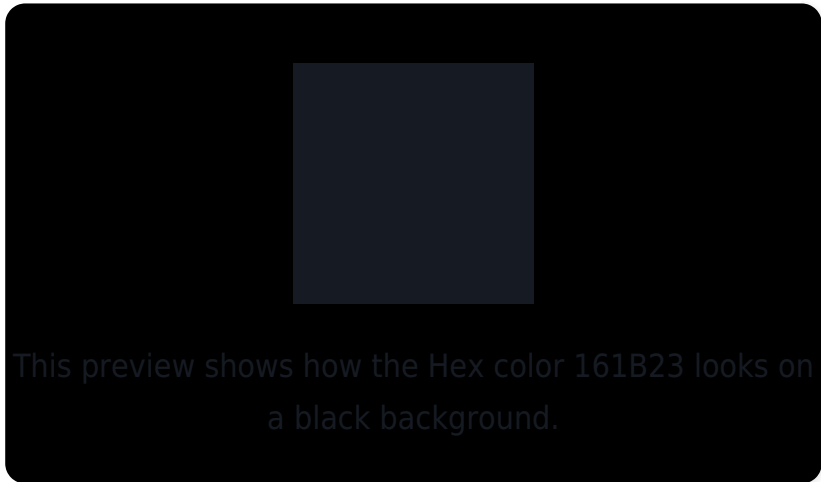
Large Text (above 18pt) WCAG AA ✓ Pass

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

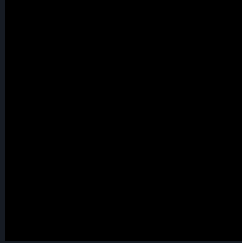
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

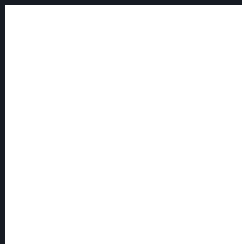
Any Text WCAG AAA × Fail

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

Hex 161B23 Background



This preview shows how black text looks on a background with the Hex color 161B23.



This preview shows how white text looks on a background with the Hex color 161B23.

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
161B23

Protanopia
191A23

Deuteranopia
191A23



Tritanopia
151C1E

Trichromacy



Original Color
161B23

Protanomaly
181A23

Deuteranomaly
181A23

Tritanomaly
151C20

Monochromacy



Original Color
161B23

Achromatopsia
1A1A1A

Achromatomaly
191A1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 161B23 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 #161B23 looks like.

```
.text, #text, p{  
    color:#161B23  
}
```

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 #161B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161B23
}
```

Border

The CSS property to change the border of an element to Hex 161B23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

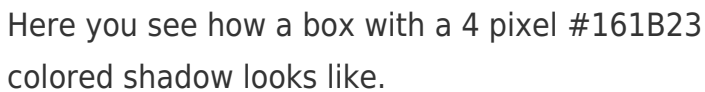
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#161B23 }
```

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

```
.border{ border-color:#161B23 }
```

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



Here you see how a box with a 4 pixel #161B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161B23; -webkit-box-shadow:4px 4px  
4px 4px #161B23; box-shadow:4px 4px 4px  
4px #161B23 }
```

Background

The CSS property to change the background color of an element to Hex 161B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161B23 }
```

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

```
.background{ background-color:#161B23 }
```

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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