

Converting Colors

Hex(161833)

Have a look what the booklet for
Hex(161833) contains.

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Color

Hex(161833)

Conversions

Conversions Part 1

Format	Color
Hex	161833
RGB	22, 24, 51
RGB Percent	9%, 9%, 20%
CMY	0.9137, 0.9059, 0.8000
CMYK	0.57, 0.53, 0.00, 0.80
HSL	236°, 40%, 14%
HSV	236°, 57%, 20%
XYZ	1.2551, 1.0629, 3.2710
YIQ	26.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

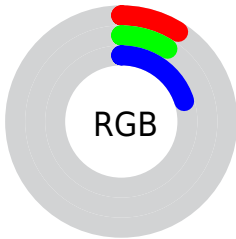
Format	Color
R_{YB}	22, 24, 51
Decimal	1447987
CIE Lab	9.50, 8.25, -18.20
CIE LCh	10, 19.981, 294.377
Yxy	1.0629, 0.2246, 0.1902
Android (android.graphics.Color)	4279638067 (0xFF161833)
YUV	26.4800, 12.0884, -3.9290
Hunter-Lab	10.3095, 3.6885, -11.5947

Details

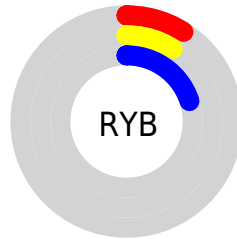
The Hex color **161833** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **333116**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **434362**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111333**, and if you desaturate by 10%, it is **1B1D33**.

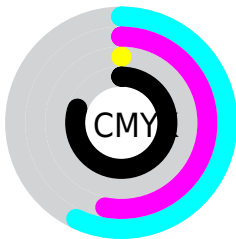
Distribution



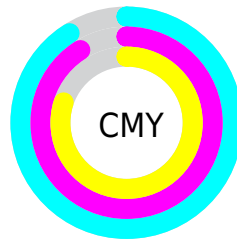
- Red (9%)
- Green (9%)
- Blue (20%)



- Red (9%)
- Yellow (9%)
- Blue (20%)



- Cyan (57%)
- Magenta (53%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161833 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 161833 by changing the saturation by 10% instead.

■ 161833

■ 161833

■ FDFAFF

■ 00001E

■ 434362

■ 000000

■ 5B5A7B

■ 747294

■ 8E8CAF

■ A9A6CB

■ C4C1E7

■ E0DDFF

■ 161833

■ 161833

■ 111333

■ 1B1D33

■ 0C0F33

■ 202133

■ 070A33

■ 252633

■ 020533

■ 2A2B33

■ 000433

■ 303033

■ 353433

■ 3A3933

■ 3F3E33

■ 444333

Harmonies

Analogous

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



001D35



161833



28122A

Triad

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



161833



2F1300



002117

Complementary

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



161833



333116

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.



052006



161833



251900

Square

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



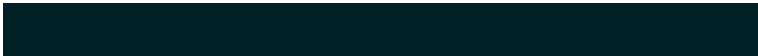
161833



330F0F



191D00



002125

Rectangle

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



161833



2F0F22



191D00



002112

Sweetspot

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



161833



373842



163331



1B1B21



A1A1A1



212121

Same Dimension

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



161833



151842



221633



17171A



000659



000FD9

Inverse Universe

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



331618



421518



273316



1A1717



590006



D9000F

Previews

White Background



This preview shows how the Hex color 161833 looks on a white background.

Color Contrast Check

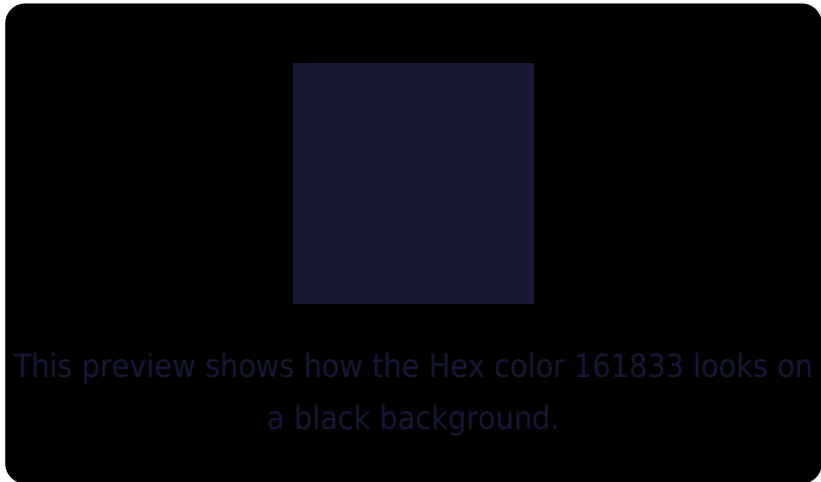
Large Text (above 18pt) WCAG AA ✓ Pass

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

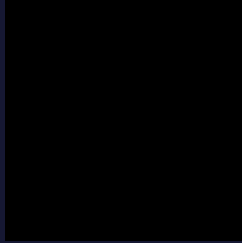
Any Text WCAG AA × Fail

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 161833 Background



This preview shows how black text looks on a background with the Hex color 161833.



This preview shows how white text looks on a background with the Hex color 161833.

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](#).

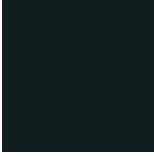
Dichromacy



Original Color
161833

Protanopia
091A35

Deuteranopia
001B30



Tritanopia
0E1D1F

Trichromacy



Original Color
161833

Protanomaly
0E1934

Deuteranomaly
081A31

Tritanomaly
111B26

Monochromacy



Original Color
161833

Achromatopsia
1A1A1A

Achromatomaly
191923

CSS Examples

Text

The CSS property to change the color of the text to Hex 161833 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 #161833 looks like.

```
.text, #text, p{  
    color:#161833  
}
```

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 #161833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161833
}
```

Border

The CSS property to change the border of an element to Hex 161833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

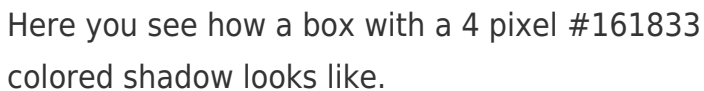
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#161833 }
```

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

```
.border{ border-color:#161833 }
```

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



Here you see how a box with a 4 pixel #161833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161833; -webkit-box-shadow:4px 4px  
4px 4px #161833; box-shadow:4px 4px 4px  
4px #161833 }
```

Background

The CSS property to change the background color of an element to Hex 161833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161833 }
```

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

```
.background{ background-color:#161833 }
```

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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