

Converting Colors

Hex(161831)

Have a look what the booklet for
Hex(161831) contains.

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Color

Hex(161831)

Conversions

Conversions Part 1

Format	Color
Hex	161831
RGB	22, 24, 49
RGB Percent	9%, 9%, 19%
CMY	0.9137, 0.9059, 0.8078
CMYK	0.55, 0.51, 0.00, 0.81
HSL	236°, 38%, 14%
HSV	236°, 55%, 19%
XYZ	1.2119, 1.0456, 3.0437
YIQ	26.2520, -9.2170, 7.3510

Conversions

Conversions Part 2

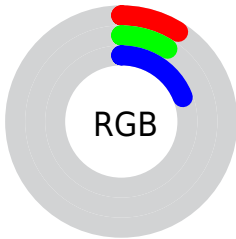
Format	Color
R _Y B	22, 24, 49
Decimal	1447985
CIE Lab	9.37, 7.47, -16.96
CIE LCh	9, 18.538, 293.779
Yxy	1.0456, 0.2286, 0.1972
Android (android.graphics.Color)	4279638065 (0xFF161831)
YUV	26.2520, 11.2148, -3.7290
Hunter-Lab	10.2254, 3.2608, -10.4903

Details

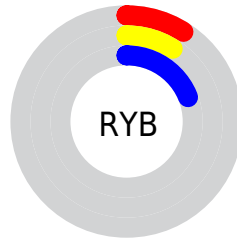
The Hex color **161831** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **312F16**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **43435F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111331**, and if you desaturate by 10%, it is **1B1D31**.

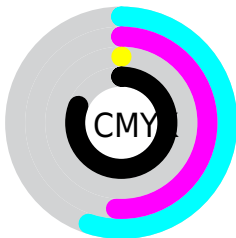
Distribution



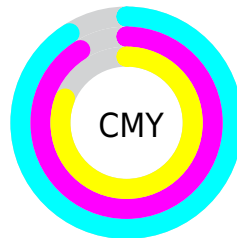
- Red (9%)
- Green (9%)
- Blue (19%)



- Red (9%)
- Yellow (9%)
- Blue (19%)



- Cyan (55%)
- Magenta (51%)
- Yellow (0%)
- Black (81%)



- Cyan (91%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161831 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 161831 by changing the saturation by 10% instead.

■ 161831

■ 161831

■ FCFAFF

■ 00001C

■ 43435F

■ 000000

■ 5B5A78

■ 747292

■ 8D8CAD

■ A8A6C8

■ C3C1E4

■ DFDDFF

■ 161831

■ 161831

■ 111331

■ 1B1D31

■ 0C0F31

■ 202131

■ 070A31

■ 252631

■ 020631

■ 2A2A31

■ 000431

■ 2F2F31

■ 333331

■ 383831

■ 3D3C31

■ 424131

Harmonies

Analogous

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



001C33



161831



271329

Triad

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



161831



2D1400



002117

Complementary

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



161831



312F16

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.



071F07



161831



241900

Square

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



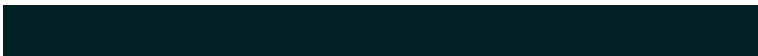
161831



311010



191C00



002124

Rectangle

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



161831



2D1021



191C00



002013

Sweetspot

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



161831



353640



16312F



1B1B21



A1A1A1



212121

Same Dimension

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



161831



161940



211631



17171A



000759



0010D9

Inverse Universe

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



311618



401619



263116



1A1717



590007



D90010

Previews

White Background



This preview shows how the Hex color 161831 looks on a white background.

Color Contrast Check

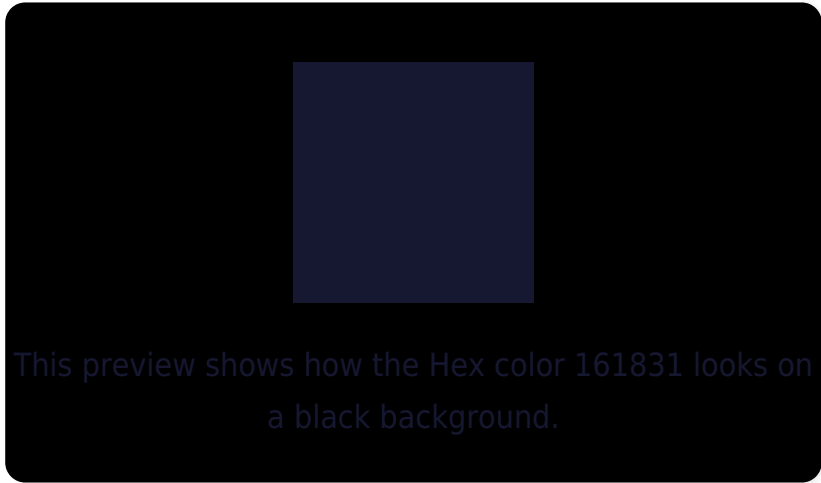
Large Text (above 18pt) WCAG AA ✓ Pass

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

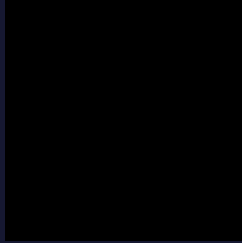
Any Text WCAG AA × Fail

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 161831 Background



This preview shows how black text looks on a background with the Hex color 161831.



This preview shows how white text looks on a background with the Hex color 161831.

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
161831

Protanopia
0C1A33

Deuteranopia
001B30

Trichromacy



Original Color

161831

Protanomaly

101932

Deuteranomaly

081A30

Tritanomaly

121B26

Monochromacy



Original Color

161831

Achromatopsia

1A1A1A

Achromatomaly

191922

CSS Examples

Text

The CSS property to change the color of the text to Hex 161831 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 #161831 looks like.

```
.text, #text, p{  
    color:#161831  
}
```

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 #161831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161831
}
```

Border

The CSS property to change the border of an element to Hex 161831 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
#161831 }
```

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

```
.border{ border-color:#161831 }
```

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

Here you see how a box with a 4 pixel #161831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161831; -webkit-box-shadow:4px 4px  
4px 4px #161831; box-shadow:4px 4px 4px  
4px #161831 }
```

Background

The CSS property to change the background color of an element to Hex 161831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161831 }
```

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

```
.background{ background-color:#161831 }
```

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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