

Converting Colors

Hex(161D47)

Have a look what the booklet for
Hex(161D47) contains.

Hex(161D47)	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(161D47)

Conversions

Conversions Part 1

Format	Color
Hex	161D47
RGB	22, 29, 71
RGB Percent	9%, 11%, 28%
CMY	0.9137, 0.8863, 0.7216
CMYK	0.69, 0.59, 0.00, 0.72
HSL	231°, 53%, 18%
HSV	231°, 69%, 28%
XYZ	1.9076, 1.5042, 6.1510
YIQ	31.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

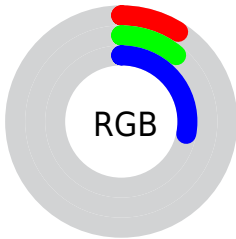
Format	Color
RYB	22, 28, 71
Decimal	1449287
CIELab	12.63, 12.45, -27.37
CIELCh	13, 30.070, 294.463
Yxy	1.5042, 0.1995, 0.1573
Android (android.graphics.Color)	4279639367 (0xFF161D47)
YUV	31.6950, 19.3774, -8.5025
Hunter-Lab	12.2647, 6.2994, -21.1500

Details

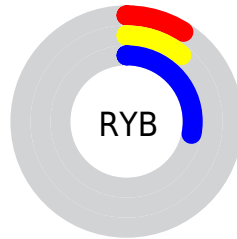
The Hex color **161D47** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **474016**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **474878**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **0F1747**, and if you desaturate by 10%, it is **1D2347**.

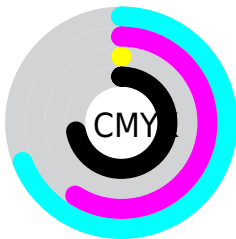
Distribution



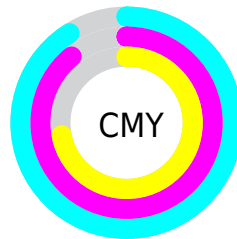
- Red (9%)
- Green (11%)
- Blue (28%)



- Red (9%)
- Yellow (11%)
- Blue (28%)



- Cyan (69%)
- Magenta (59%)
- Yellow (0%)
- Black (72%)



- Cyan (91%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161D47 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 161D47 by changing the saturation by 10% instead.

■ 161D47

■ 161D47

FFFFFF

■ 000330

■ 474878

■ 00011B

■ 606092

■ 000000

■ 7A79AC

■ 9492C8

■ AFADE4

■ CBC8FF

■ E8E4FF

■ 161D47

■ 161D47

■ 0F1747

■ 1D2347

■ 081147

■ 242947

■ 010B47

■ 2B2F47

■ 000A47

■ 323547

■ 3A3B47

■ 414247

■ 484847

■ 4F4E47

■ 565447

Harmonies

Analogous

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



00254A



161D47



361239

Triad

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



161D47



3C1500



002A1C

Complementary

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



161D47



474016

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.



002802



161D47



2D1F00

Square

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



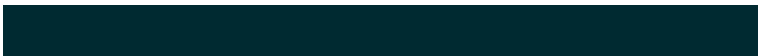
161D47



440B10



1A2500



002A31

Rectangle

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



161D47



400B2C



1A2500



002915

Sweetspot

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



161D47



494B5C



164740



22242E



ADADAD



2E2E2E

Same Dimension

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



161D47



101A5C



271647



202124



000E63



0020E3

Inverse Universe

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



47161D



5C101A



364716



242021



63000E



E30020

Previews

White Background



This preview shows how the Hex color 161D47 looks on a white background.

Color Contrast Check

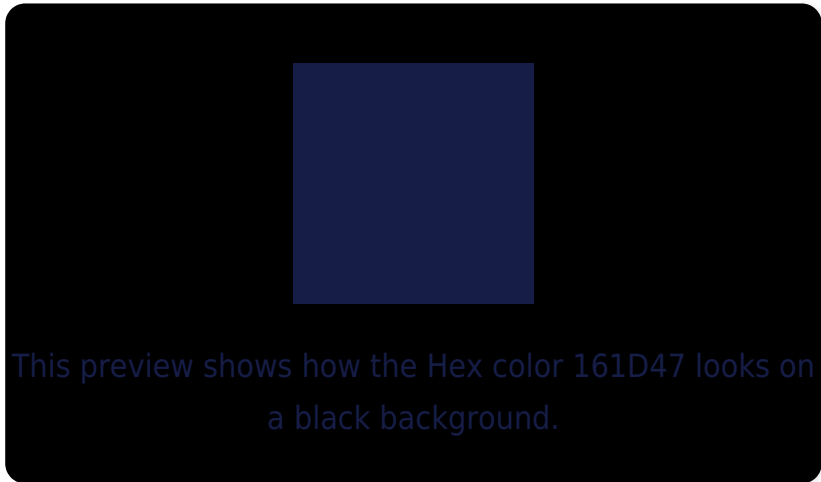
Large Text (above 18pt) WCAG AA ✓ Pass

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

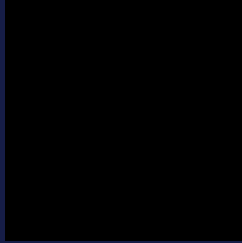
Any Text WCAG AA × Fail

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 161D47 Background



This preview shows how black text looks on a background with the Hex color 161D47.



This preview shows how white text looks on a background with the Hex color 161D47.

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
161D47

Protanopia
002044

Deuteranopia
00223A

Trichromacy



Original Color
161D47

Protanomaly
081F45

Deuteranomaly
08203F

Tritanomaly
082233

Monochromacy



Original Color
161D47

Achromatopsia
202020

Achromatomaly
1C1F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 161D47 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 #161D47 looks like.

```
.text, #text, p{  
    color:#161D47  
}
```

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 #161D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161D47  
}
```

Border

The CSS property to change the border of an element to Hex 161D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

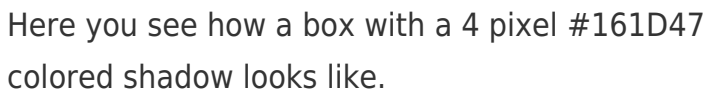
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#161D47 }
```

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

```
.border{ border-color:#161D47 }
```

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



Here you see how a box with a 4 pixel #161D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161D47; -webkit-box-shadow:4px 4px  
4px 4px #161D47; box-shadow:4px 4px 4px  
4px #161D47 }
```

Background

The CSS property to change the background color of an element to Hex 161D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161D47 }
```

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

```
.background{ background-color:#161D47 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor