

Converting Colors

Hex(160A47)

Have a look what the booklet for
Hex(160A47) contains.

Hex(160A47)	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(160A47)

Conversions

Conversions Part 1

Format	Color
Hex	160A47
RGB	22, 10, 71
RGB Percent	9%, 4%, 28%
CMY	0.9137, 0.9608, 0.7216
CMYK	0.69, 0.86, 0.00, 0.72
HSL	252°, 75%, 16%
HSV	252°, 86%, 28%
XYZ	1.5767, 0.8426, 6.0408
YIQ	20.5420, -12.4290, 21.5150

Conversions

Conversions Part 2

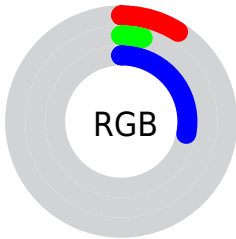
Format	Color
R_{YB}	22, 10, 71
Decimal	1444423
CIE _{Lab}	7.61, 25.75, -35.57
CIE _{LCh}	8, 43.912, 305.899
Yxy	0.8426, 0.1864, 0.0996
Android (android.graphics.Color)	4279634503 (0xFF160A47)
YUV	20.5420, 24.8758, 1.2787
Hunter-Lab	9.1793, 14.5978, -32.5926

Details

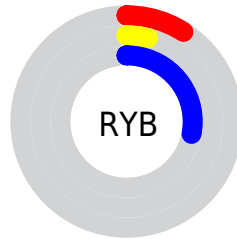
The Hex color **160A47** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B470A**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **493578**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **100347**, and if you desaturate by 10%, it is **1C1147**.

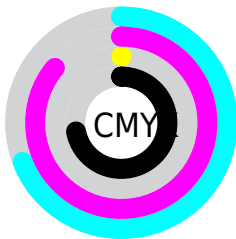
Distribution



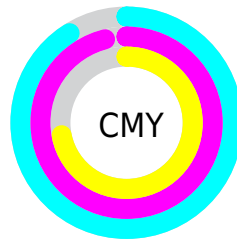
- Red (9%)
- Green (4%)
- Blue (28%)



- Red (9%)
- Yellow (4%)
- Blue (28%)



- Cyan (69%)
- Magenta (86%)
- Yellow (0%)
- Black (72%)



- Cyan (91%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160A47 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 160A47 by changing the saturation by 10% instead.

 160A47

 160A47

 FFEAFF

 000030

 493578

 00011A

 624C92

 000000

 7D64AD

 977DC9

 B397E5

 CFB2FF

 EBCEFF

 160A47

 160A47

■ 100347

■ 1C1147

■ 0E0047

■ 211847

■ 271F47

■ 2D2647

■ 332E47

■ 383547

■ 3E3C47

■ 444347

■ 494A47

Harmonies

Analogous

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



001A52



160A47



3B002F

Triad

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



160A47



300A00



00221C

Complementary

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



160A47



3B470A

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.



002200



160A47



191800

Square

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



160A47



400000



002000



002439

Rectangle

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



160A47



44001C



002000



002211

Sweetspot

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



160A47



49445C



0A3C47



22202E



ADADAD



2E2E2E

Same Dimension

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



160A47



12005C



340A47



212024



140063



2D00E3

Inverse Universe

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



470A3B



5C004A



1D470A



242023



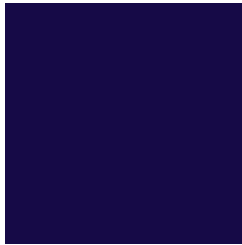
630050



E300B6

Previews

White Background



This preview shows how the Hex color 160A47 looks on a white background.

Color Contrast Check

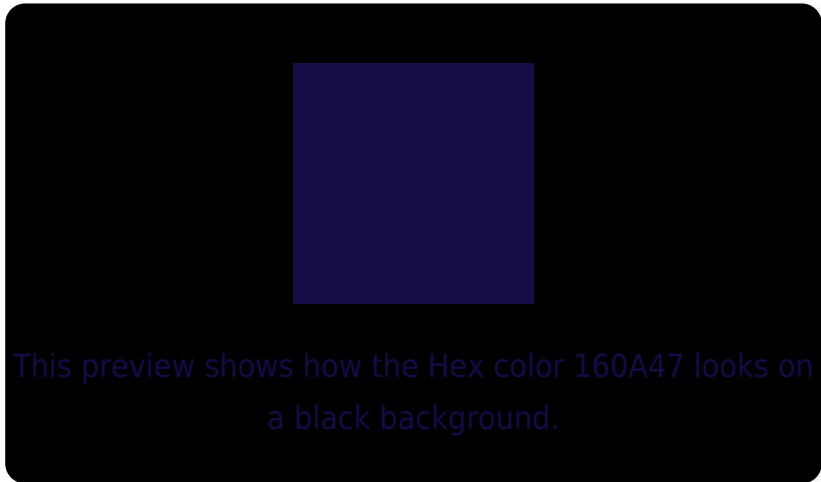
Large Text (above 18pt) WCAG AA ✓ Pass

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

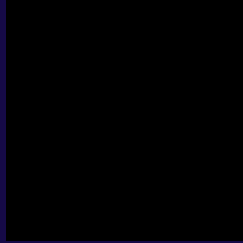
Any Text WCAG AA × Fail

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 160A47 Background



This preview shows how black text looks on a background with the Hex color 160A47.



This preview shows how white text looks on a background with the Hex color 160A47.

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
160A47

Protanopia
001832

Deuteranopia
001A2B



Tritanopia
001B1D

Trichromacy



Original Color
160A47

Protanomaly
08133A

Deuteranomaly
081435

Tritanomaly
08152C

Monochromacy



Original Color
160A47

Achromatopsia
151515

Achromatomaly
151127

CSS Examples

Text

The CSS property to change the color of the text to Hex 160A47 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 #160A47 looks like.

```
.text, #text, p{  
    color:#160A47  
}
```

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 #160A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160A47
}
```

Border

The CSS property to change the border of an element to Hex 160A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

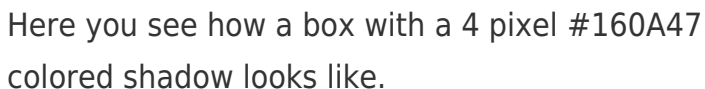
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160A47 }
```

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

```
.border{ border-color:#160A47 }
```

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



Here you see how a box with a 4 pixel #160A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160A47; -webkit-box-shadow:4px 4px  
4px 4px #160A47; box-shadow:4px 4px 4px  
4px #160A47 }
```

Background

The CSS property to change the background color of an element to Hex 160A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160A47 }
```

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

```
.background{ background-color:#160A47 }
```

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