

Converting Colors

Hex(130A48)

Have a look what the booklet for
Hex(130A48) contains.

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Color

Hex(130A48)

Conversions

Conversions Part 1

Format	Color
Hex	130A48
RGB	19, 10, 72
RGB Percent	7%, 4%, 28%
CMY	0.9255, 0.9608, 0.7176
CMYK	0.74, 0.86, 0.00, 0.72
HSL	249°, 76%, 16%
HSV	249°, 86%, 28%
XYZ	1.5468, 0.8234, 6.2083
YIQ	19.7590, -14.5380, 21.1900

Conversions

Conversions Part 2

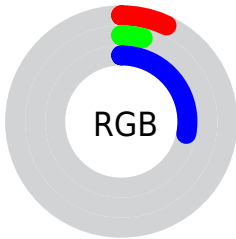
Format	Color
RYB	19, 10, 72
Decimal	1247816
CIELab	7.44, 25.68, -36.57
CIELCh	7, 44.686, 305.081
Yxy	0.8234, 0.1803, 0.0960
Android (android.graphics.Color)	4279437896 (0xFF130A48)
YUV	19.7590, 25.7548, -0.6656
Hunter-Lab	9.0742, 14.5475, -34.2126

Details

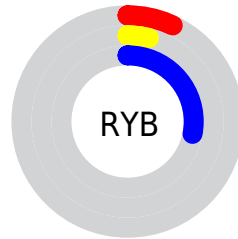
The Hex color **130A48** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3F480A**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **473579**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **0D0348**, and if you desaturate by 10%, it is **191148**.

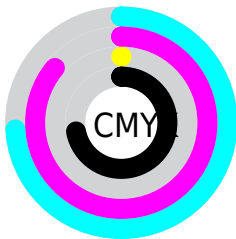
Distribution



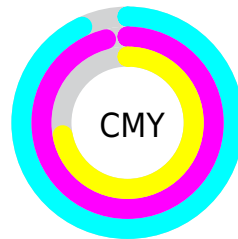
- Red (7%)
- Green (4%)
- Blue (28%)



- Red (7%)
- Yellow (4%)
- Blue (28%)



- Cyan (74%)
- Magenta (86%)
- Yellow (0%)
- Black (72%)



- Cyan (93%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130A48 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 130A48 by changing the saturation by 10% instead.

■ 130A48

■ 130A48

■ FFEAFF

■ 000031

■ 473579

■ 00011B

■ 614C93

■ 000000

■ 7B64AE

■ 957DCA

■ B197E6

■ CDB2FF

■ EACDFF

■ 130A48

■ 130A48

■ 0D0348

■ 191148

■ 0A0048

■ 1F1848

■ 252048

■ 2C2748

■ 322E48

■ 383548

■ 3E3C48

■ 444448

■ 4A4B48

Harmonies

Analogous

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



001A53



130A48



3B0030

Triad

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



130A48



300900



00221B

Complementary

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



130A48



3F480A

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.



002100



130A48



191700

Square

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



130A48



400000



001F00



002338

Rectangle

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



130A48



44001D



001F00



00220F

Sweetspot

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



130A48



49465E



0A4048



242130



B0B0B0



303030

Same Dimension

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



130A48



0E005E



310A48



212024



0E0063



2100E3

Inverse Universe

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



480A3F



5E0051



21480A



242023



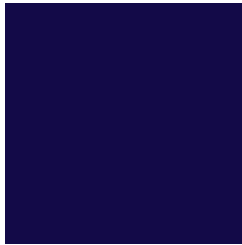
630055



E300C2

Previews

White Background



This preview shows how the Hex color 130A48 looks on a white background.

Color Contrast Check

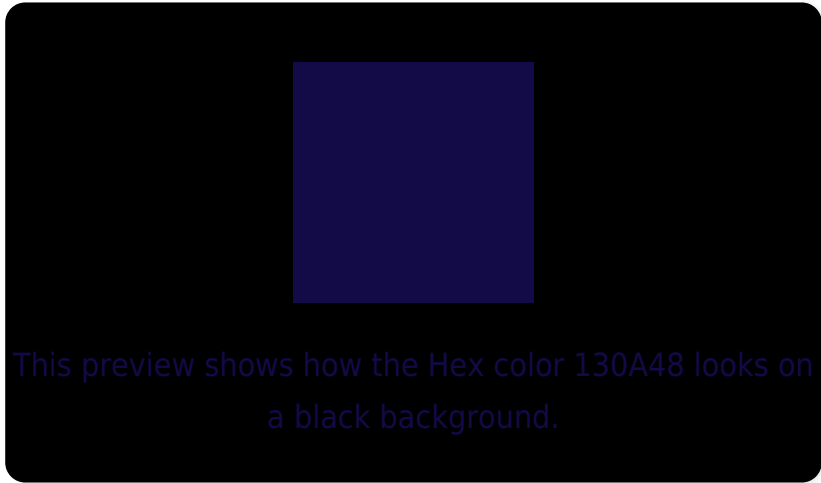
Large Text (above 18pt) WCAG AA ✓ Pass

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

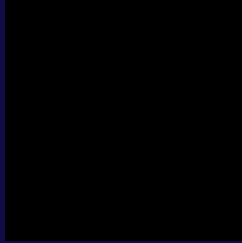
Any Text WCAG AA × Fail

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 130A48 Background



This preview shows how black text looks on a background with the Hex color 130A48.



This preview shows how white text looks on a background with the Hex color 130A48.

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
130A48

Protanopia
001832

Deuteranopia
00192A



Tritanopia
001B1D

Trichromacy



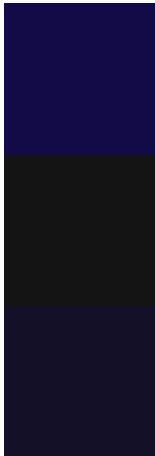
Original Color
130A48

Protanomaly
07133A

Deuteranomaly
071435

Tritanomaly
07152D

Monochromacy



Original Color
130A48

Achromatopsia
141414

Achromatomaly
141027

CSS Examples

Text

The CSS property to change the color of the text to Hex 130A48 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 #130A48 looks like.

```
.text, #text, p{  
    color:#130A48  
}
```

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 #130A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130A48
}
```

Border

The CSS property to change the border of an element to Hex 130A48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

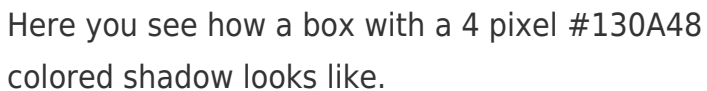
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130A48 }
```

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

```
.border{ border-color:#130A48 }
```

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



Here you see how a box with a 4 pixel #130A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130A48; -webkit-box-shadow:4px 4px  
4px 4px #130A48; box-shadow:4px 4px 4px  
4px #130A48 }
```

Background

The CSS property to change the background color of an element to Hex 130A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130A48 }
```

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

```
.background{ background-color:#130A48 }
```

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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