

Converting Colors

Hex(130A2B)

Have a look what the booklet for
Hex(130A2B) contains.

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Color

Hex(130A2B)

Conversions

Conversions Part 1

Format	Color
Hex	130A2B
RGB	19, 10, 43
RGB Percent	7%, 4%, 17%
CMY	0.9255, 0.9608, 0.8314
CMYK	0.56, 0.77, 0.00, 0.83
HSL	256°, 62%, 10%
HSV	256°, 77%, 17%
XYZ	0.8131, 0.5299, 2.3449
YIQ	16.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

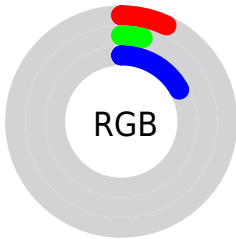
Format	Color
RYB	19, 10, 43
Decimal	1247787
CIELab	4.79, 12.68, -19.80
CIELCh	5, 23.514, 302.622
Yxy	0.5299, 0.2205, 0.1437
Android (android.graphics.Color)	4279437867 (0xFF130A2B)
YUV	16.4530, 13.0877, 2.2337
Hunter-Lab	7.2798, 7.1988, -14.0025

Details

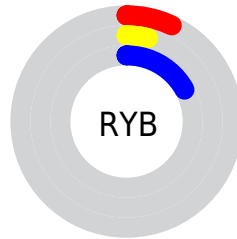
The Hex color **130A2B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **222B0A**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **3E3659**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10062B**, and if you desaturate by 10%, it is **160E2B**.

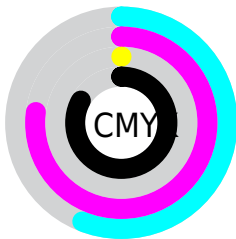
Distribution



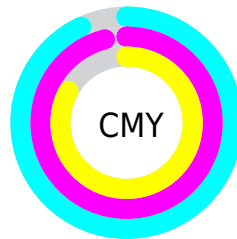
- Red (7%)
- Green (4%)
- Blue (17%)



- Red (7%)
- Yellow (4%)
- Blue (17%)



- Cyan (56%)
- Magenta (77%)
- Yellow (0%)
- Black (83%)



- Cyan (93%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130A2B 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 130A2B by changing the saturation by 10% instead.

■ 130A2B

■ 130A2B

■ F7EAFB

■ 000116

■ 3E3659

■ 000000

■ 564C71

■ 6F648B

■ 887DA5

■ A397C1

■ BEB2DC

■ DACDF9

■ 130A2B

■ 130A2B

■ 10062B

■ 160E2B

■ 0D012B

■ 19132B

■ 0C002B

■ 1C172B

■ 201B2B

■ 23202B

■ 26242B

■ 29282B

■ 2C2C2B

■ 2F312B

Harmonies

Analogous

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



001230



130A2B



250220

Triad

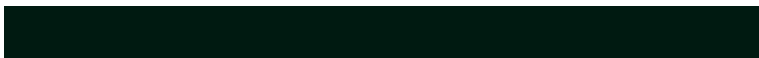
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130A2B



230800



001A11

Complementary

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



130A2B



222B0A

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.



001900



130A2B



151000

Square

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



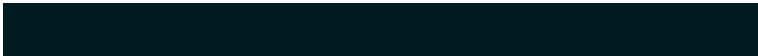
130A2B



2B0100



001600



001A21

Rectangle

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



130A2B



2A0016



001600



001A09

Sweetspot

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



130A2B



2F2B38



0A222B



16141C



9C9C9C



1C1C1C

Same Dimension

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



130A2B



130438



230A2B



131214



170054



3A00D4

Inverse Universe

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



2B0A22



38042A



122B0A



141214



54003D



D4009A

Previews

White Background



This preview shows how the Hex color 130A2B looks on a white background.

Color Contrast Check

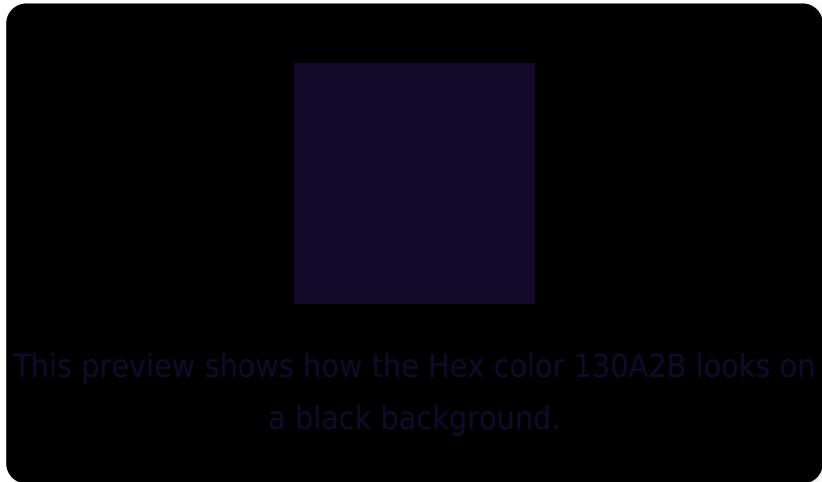
Large Text (above 18pt) WCAG AA ✓ Pass

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

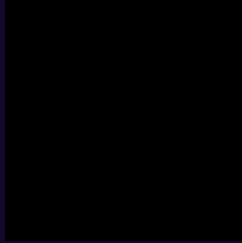
Any Text WCAG AA × Fail

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 130A2B Background



This preview shows how black text looks on a background with the Hex color 130A2B.



This preview shows how white text looks on a background with the Hex color 130A2B.

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](#).

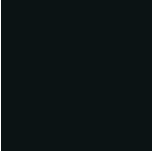
Dichromacy



Original Color
130A2B

Protanopia
001123

Deuteranopia
00121E



Tritanopia
0B1314

Trichromacy



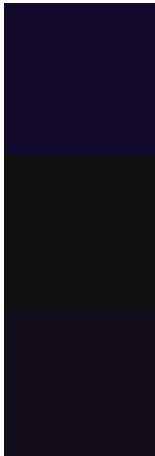
Original Color
130A2B

Protanomaly
070E26

Deuteranomaly
070F23

Tritanomaly
0E101C

Monochromacy



Original Color
130A2B

Achromatopsia
101010

Achromatomaly
110E1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 130A2B 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 #130A2B looks like.

```
.text, #text, p{  
    color:#130A2B  
}
```

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 #130A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130A2B
}
```

Border

The CSS property to change the border of an element to Hex 130A2B 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
#130A2B }
```

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

```
.border{ border-color:#130A2B }
```

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

Here you see how a box with a 4 pixel #130A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130A2B; -webkit-box-shadow:4px 4px  
4px 4px #130A2B; box-shadow:4px 4px 4px  
4px #130A2B }
```

Background

The CSS property to change the background color of an element to Hex 130A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130A2B }
```

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

```
.background{ background-color:#130A2B }
```

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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