

Converting Colors

Hex(130B84)

Have a look what the booklet for
Hex(130B84) contains.

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Color

Hex(130B84)

Conversions

Conversions Part 1

Format	Color
Hex	130B84
RGB	19, 11, 132
RGB Percent	7%, 4%, 52%
CMY	0.9255, 0.9569, 0.4824
CMYK	0.86, 0.92, 0.00, 0.48
HSL	244°, 85%, 28%
HSV	244°, 92%, 52%
XYZ	4.5531, 2.0437, 21.9843
YIQ	27.1860, -34.0730, 39.3270

Conversions

Conversions Part 2

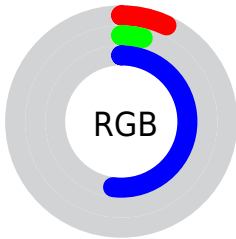
Format	Color
R _Y B	19, 11, 132
Decimal	1248132
CIE Lab	15.72, 44.89, -62.65
CIE LCh	16, 77.071, 305.621
Yxy	2.0437, 0.1593, 0.0715
Android (android.graphics.Color)	4279438212 (0xFF130B84)
YUV	27.1860, 51.6733, -7.1791
Hunter-Lab	14.2959, 31.8323, -81.1691

Details

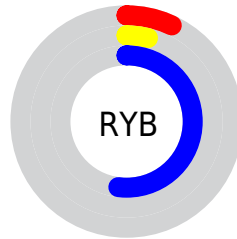
The Hex color **130B84** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7C840B**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **593CBA**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **090084**, and if you desaturate by 10%, it is **1F1884**.

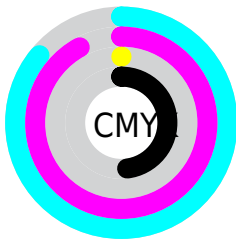
Distribution



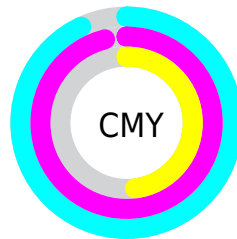
- Red (7%)
- Green (4%)
- Blue (52%)



- Red (7%)
- Yellow (4%)
- Blue (52%)



- Cyan (86%)
- Magenta (92%)
- Yellow (0%)
- Black (48%)



- Cyan (93%)
- Magenta (96%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130B84 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 130B84 by changing the saturation by 10% instead.

 130B84

 130B84


 FFF6FF

 00006A

 593CBA

 000051

 7654D7

 000539

 936DF4

 000222

 B087FF

 000009

 CDA2FF

 000000

 EBBDFE

 FFD9FF

 130B84

 130B84

■ 090084

■ 1F1884

■ 2C2584

■ 383384

■ 444084

■ 514D84

■ 5D5A84

■ 696784

■ 767584

■ 828284

Harmonies

Analogous

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



00309A



130B84



6A0056

Triad

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



130B84



530A00



003831

Complementary

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



130B84



7C840B

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.



003700



130B84



282900

Square

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



130B84



710000



003300



003A68

Rectangle

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



130B84



7A0032



003300



00381D

Sweetspot

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



130B84



7E7BAB



0B7E84



3B3957



D6D6D6



575757

Same Dimension

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



130B84



0B00AB



4E0B84



3C3C42



090082



000003

Inverse Universe

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



840B7C



AB00A0



41840B



423C42



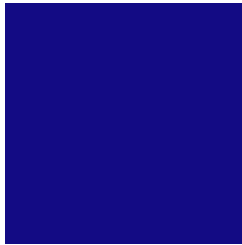
820079



030002

Previews

White Background



This preview shows how the Hex color 130B84 looks on a white background.

Color Contrast Check

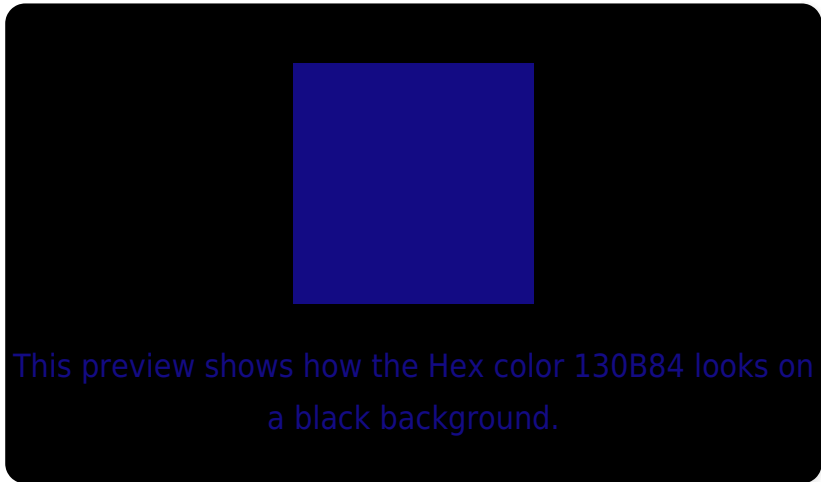
Large Text (above 18pt) WCAG AA ✓ Pass

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

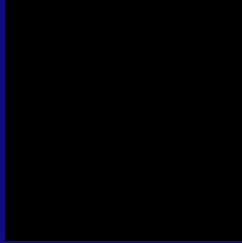
Any Text WCAG AA × Fail

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 130B84 Background



This preview shows how black text looks on a background with the Hex color 130B84.



This preview shows how white text looks on a background with the Hex color 130B84.

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

130B84

Protanopia

002854

Deuteranopia

002B47

Trichromacy



Original Color
130B84

Protanomaly
071D65

Deuteranomaly
071F5D

Tritanomaly
07214F

Monochromacy



Original Color
130B84

Achromatopsia
1B1B1B

Achromatomaly
181541

CSS Examples

Text

The CSS property to change the color of the text to Hex 130B84 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 #130B84 looks like.

```
.text, #text, p{  
    color:#130B84  
}
```

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 #130B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130B84
}
```

Border

The CSS property to change the border of an element to Hex 130B84 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".

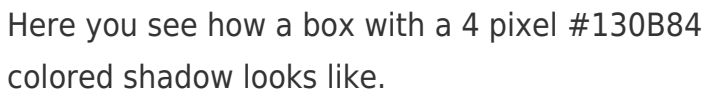
```
.border, #border, table{ border:4px solid
#130B84 }
```

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

```
.border{ border-color:#130B84 }
```

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

Here you see how a box with a 4 pixel #130B84 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130B84; -webkit-box-shadow:4px 4px  
4px 4px #130B84; box-shadow:4px 4px 4px  
4px #130B84 }
```

Background

The CSS property to change the background color of an element to Hex 130B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130B84 }
```

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

```
.background{ background-color:#130B84 }
```

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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