

Converting Colors

Hex(130A74)

Have a look what the booklet for
Hex(130A74) contains.

Hex(130A74)	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(130A74)

Conversions

Conversions Part 1

Format	Color
Hex	130A74
RGB	19, 10, 116
RGB Percent	7%, 4%, 45%
CMY	0.9255, 0.9608, 0.5451
CMYK	0.84, 0.91, 0.00, 0.55
HSL	245°, 84%, 25%
HSV	245°, 91%, 45%
XYZ	3.5295, 1.6165, 16.6490
YIQ	24.7750, -28.6620, 34.8740

Conversions

Conversions Part 2

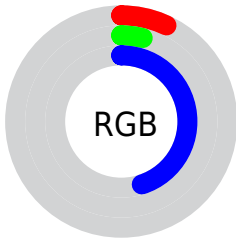
Format	Color
R_{YB}	19, 10, 116
Decimal	1247860
CIE Lab	13.33, 40.39, -56.38
CIE LCh	13, 69.353, 305.617
Yxy	1.6165, 0.1619, 0.0742
Android (android.graphics.Color)	4279437940 (0xFF130A74)
YUV	24.7750, 44.9739, -5.0647
Hunter-Lab	12.7141, 27.3026, -68.7398

Details

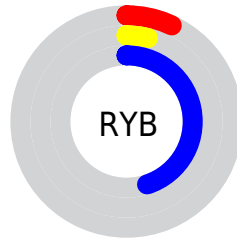
The Hex color **130A74** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6B740A**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5439A9**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **0A0074**, and if you desaturate by 10%, it is **1E1674**.

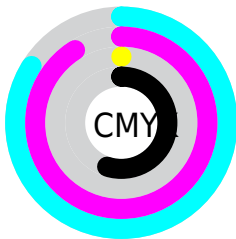
Distribution



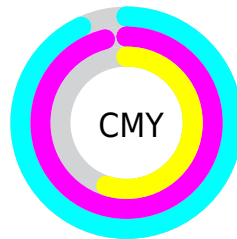
- Red (7%)
- Green (4%)
- Blue (45%)



- Red (7%)
- Yellow (4%)
- Blue (45%)



- Cyan (84%)
- Magenta (91%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130A74 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 130A74 by changing the saturation by 10% instead.

 130A74

 130A74

 FFF2FF

 00005B


 5439A9

 000042

 7051C5

 00032B

 8C6AE1

 000115

 A984FE

 000000

 C69EFF

 E3B9FF

 FFD5FF

 130A74

 130A74

■ 0A0074

■ 1E1674

■ 282174

■ 332D74

■ 3D3874

■ 484474

■ 535074

■ 5D5B74

■ 686774

■ 737274

Harmonies

Analogous

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



002987



130A74



5D004B

Triad

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



130A74



490900



00322B

Complementary

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



130A74



6B740A

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.



003100



130A74



242400

Square

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



130A74



630000



002D00



00345B

Rectangle

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



130A74



6B002C



002D00



00311A

Sweetspot

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



130A74



716E96



0A6B74



36344D



CCCCCC



4D4D4D

Same Dimension

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



130A74



0D0096



480A74



35353B



0A007A



1500FA

Inverse Universe

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



740A6B



96008A



36740A



3B353A



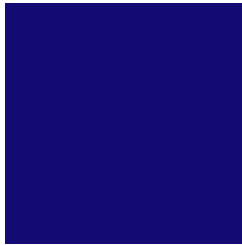
7A0070



FA00E5

Previews

White Background



This preview shows how the Hex color 130A74 looks on a white background.

Color Contrast Check

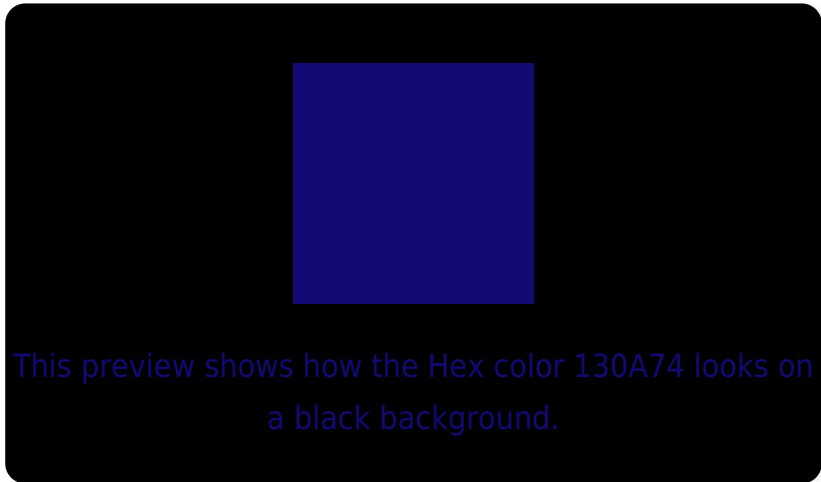
Large Text (above 18pt) WCAG AA ✓ Pass

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

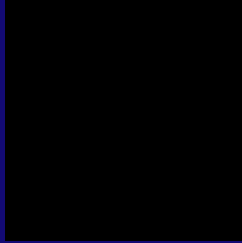
Any Text WCAG AA × Fail

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 130A74 Background



This preview shows how black text looks on a background with the Hex color 130A74.



This preview shows how white text looks on a background with the Hex color 130A74.

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
130A74

Protanopia
00234A

Deuteranopia
00263F



Tritanopia
00292B

Trichromacy



Original Color

130A74

Protanomaly

071A59

Deuteranomaly

071C52

Tritanomaly

071E46

Monochromacy



Original Color

130A74

Achromatopsia

191919

Achromatomaly

17143A

CSS Examples

Text

The CSS property to change the color of the text to Hex 130A74 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 #130A74 looks like.

```
.text, #text, p{  
    color:#130A74  
}
```

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 #130A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130A74
}
```

Border

The CSS property to change the border of an element to Hex 130A74 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
#130A74 }
```

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

```
.border{ border-color:#130A74 }
```

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

Here you see how a box with a 4 pixel #130A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130A74; -webkit-box-shadow:4px 4px  
4px 4px #130A74; box-shadow:4px 4px 4px  
4px #130A74 }
```

Background

The CSS property to change the background color of an element to Hex 130A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130A74 }
```

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

```
.background{ background-color:#130A74 }
```

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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