

# Converting Colors

Hex(130A3F)

Have a look what the booklet for  
Hex(130A3F) contains.

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# Color

Hex(130A3F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	130A3F
RGB	19, 10, 63
RGB Percent	7%, 4%, 25%
CMY	0.9255, 0.9608, 0.7529
CMYK	0.70, 0.84, 0.00, 0.75
HSL	250°, 73%, 14%
HSV	250°, 84%, 25%
XYZ	1.2743, 0.7144, 4.7734
YIQ	18.7330, -11.6490, 18.3910

# Conversions

## Conversions Part 2

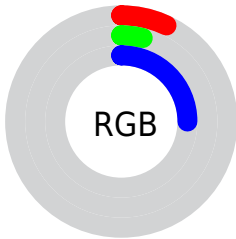
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 10, 63
Decimal	1247807
CIE Lab	6.45, 22.00, -31.81
CIE LCh	6, 38.675, 304.670
Yxy	0.7144, 0.1884, 0.1056
Android (android.graphics.Color)	4279437887 (0xFF130A3F)
YUV	18.7330, 21.8236, 0.2342
Hunter-Lab	8.4523, 12.1199, -27.5669

# Details

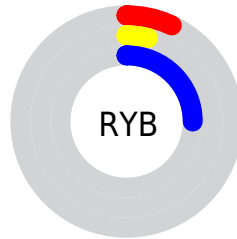
The Hex color **130A3F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **363F0A**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **44356F**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **0E043F**, and if you desaturate by 10%, it is **18103F**.

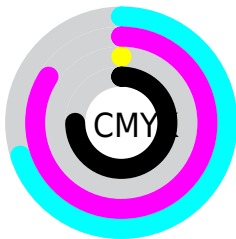
# Distribution



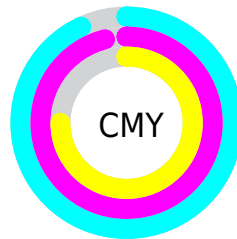
- Red (7%)
- Green (4%)
- Blue (25%)



- Red (7%)
- Yellow (4%)
- Blue (25%)



- Cyan (70%)
- Magenta (84%)
- Yellow (0%)
- Black (75%)



- Cyan (93%)
- Magenta (96%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 130A3F 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 130A3F by changing the saturation by 10% instead.



 130A3F

 130A3F

 FFE9FF

 000029


 44356F

 000112

 5D4B89

 000000

 7764A4

 917DBF

 AC97DB

 C8B1F7

 E5CDFF

 130A3F

 130A3F

■ 0E043F

■ 18103F

■ 0B003F

■ 1D173F

■ 231D3F

■ 28233F

■ 2D2A3F

■ 32303F

■ 38363F

■ 3D3C3F

■ 42433F

# Harmonies

## Analogous

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



001748



130A3F



34002B

# Triad

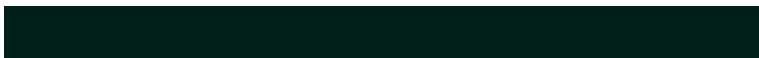
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130A3F



2C0900



001F18

# Complementary

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



130A3F



363F0A

# 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.



001F00



130A3F



171500

# Square

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



130A3F



390000



001D00



002031

# Rectangle

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



130A3F



3C001A



001D00



001F0D



# Sweetspot

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



130A3F



413D52



0A363F



1F1D29



A8A8A8



292929



# Same Dimension

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



130A3F



0E0052



2D0A3F



1C1C1F



10005E



2600DE



# Inverse Universe

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



3F0A36



520044



1C3F0A



1F1C1E



5E004E



DE00B8



# Previews

## White Background



This preview shows how the Hex color 130A3F looks on a white background.

## Color Contrast Check

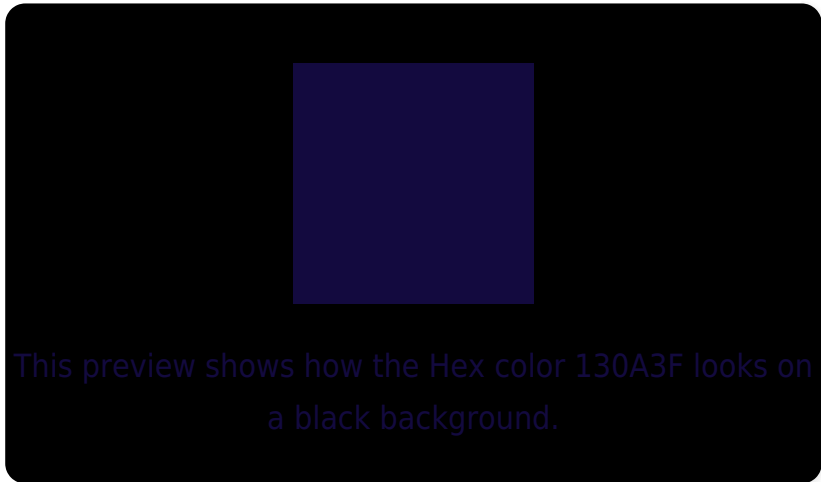
Large Text (above 18pt) WCAG AA ✓ Pass

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

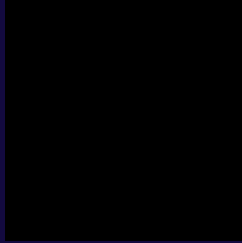
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 130A3F Background



This preview shows how black text looks on a background with the Hex color 130A3F.



This preview shows how white text looks on a background with the Hex color 130A3F.

# 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**  
130A3F

**Deuteranopia**  
001726

**Tritanopia**  
00191A

# Trichromacy

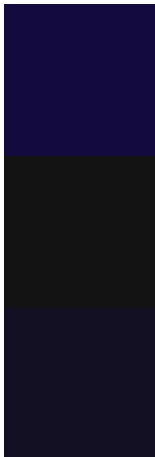


**Original Color**  
130A3F

**Deuteranomaly**  
07122F

**Tritanomaly**  
071427

# Monochromacy



**Original Color**  
130A3F

**Achromatopsia**  
131313

**Achromatomaly**  
131023

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 130A3F 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 #130A3F looks like.

```
.text, #text, p{  
    color:#130A3F  
}
```

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 #130A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130A3F
}
```

## Border

The CSS property to change the border of an element to Hex 130A3F 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
#130A3F }
```

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

```
.border{ border-color:#130A3F }
```

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

Here you see how a box with a 4 pixel #130A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130A3F; -webkit-box-shadow:4px 4px  
4px 4px #130A3F; box-shadow:4px 4px 4px  
4px #130A3F }
```

# Background

The CSS property to change the background color of an element to Hex 130A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130A3F }
```

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

```
.background{ background-color:#130A3F }
```

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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