

# Converting Colors

Hex(130530)

Have a look what the booklet for  
Hex(130530) contains.

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# Color

**Hex(130530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	130530
RGB	19, 5, 48
RGB Percent	7%, 2%, 19%
CMY	0.9255, 0.9804, 0.8118
CMYK	0.60, 0.90, 0.00, 0.81
HSL	260°, 81%, 10%
HSV	260°, 90%, 19%
XYZ	0.8563, 0.4604, 2.8400
YIQ	14.0880, -5.4590, 16.3410

# Conversions

## Conversions Part 2

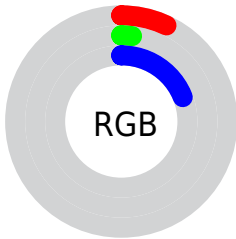
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 5, 48
Decimal	1246512
CIE Lab	4.16, 17.15, -24.56
CIE LCh	4, 29.953, 304.930
Yxy	0.4604, 0.2060, 0.1108
Android (android.graphics.Color)	4279436592 (0xFF130530)
YUV	14.0880, 16.7186, 4.3078
Hunter-Lab	6.7852, 10.6536, -20.0670

# Details

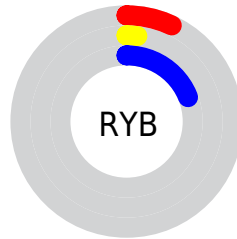
The Hex color **130530** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **223005**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **3F325E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100030**, and if you desaturate by 10%, it is **160A30**.

# Distribution



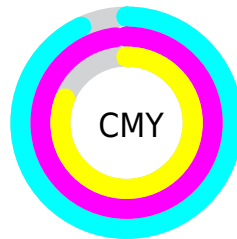
- Red (7%)
- Green (2%)
- Blue (19%)



- Red (7%)
- Yellow (2%)
- Blue (19%)



- Cyan (60%)
- Magenta (90%)
- Yellow (0%)
- Black (81%)



- Cyan (93%)
- Magenta (98%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 130530 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 130530 by changing the saturation by 10% instead.



 130530

 130530

 F9E5FF

 00011B

 3F325E

 000000

 574977

 706091

 8A79AC

 A593C7

 C0AEE3

 DCC9FF

 130530

 130530

■ 100030

■ 160A30

■ 190F30

■ 1D1330

■ 201830

■ 231D30

■ 262230

■ 2A2730

■ 2D2B30

■ 303030

# Harmonies

## Analogous

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



001037



130530



290021

# Triad

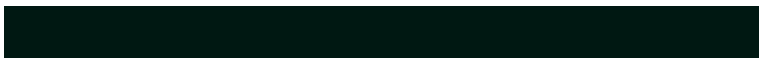
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130530



230500



001812

# Complementary

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



130530



223005

# 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.



001700



130530



101000

# Square

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



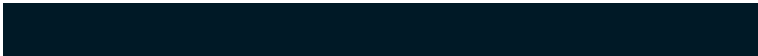
130530



2E0000



001700



001926

# Rectangle

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



130530



2F0014



001700



001708



# Sweetspot

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



130530



322D3D



052230



18151F



9E9E9E



1F1F1F



# Same Dimension

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



130530



14003D



280530



151517



1C0057



4600D6



# Inverse Universe

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



300522



3D0029



0D3005



171516



57003A



D60090



# Previews

## White Background



This preview shows how the Hex color 130530 looks on a white background.

## Color Contrast Check

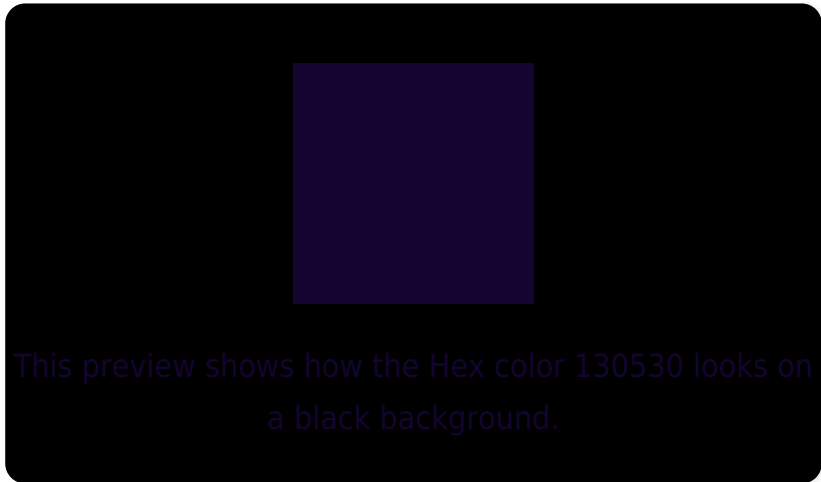
Large Text (above 18pt) WCAG AA ✓ Pass

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

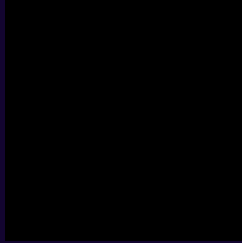
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 130530 Background



This preview shows how black text looks on a background with the Hex color 130530.



This preview shows how white text looks on a background with the Hex color 130530.

# 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**  
130530

**Protanopia**  
001123

**Deuteranopia**  
00121E



**Tritanopia**  
051315

# Trichromacy



**Original Color**  
130530

**Protanomaly**  
070D28

**Deuteranomaly**  
070D25

**Tritanomaly**  
0A0E1F

# Monochromacy



**Original Color**  
130530

**Achromatopsia**  
0E0E0E

**Achromatomaly**  
100B1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 130530 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 #130530 looks like.

```
.text, #text, p{  
    color:#130530  
}
```

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 #130530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130530
}
```

## Border

The CSS property to change the border of an element to Hex 130530 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
#130530 }
```

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

```
.border{ border-color:#130530 }
```

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

Here you see how a box with a 4 pixel #130530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130530; -webkit-box-shadow:4px 4px  
4px 4px #130530; box-shadow:4px 4px 4px  
4px #130530 }
```

# Background

The CSS property to change the background color of an element to Hex 130530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130530 }
```

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

```
.background{ background-color:#130530 }
```

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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