

Converting Colors

Hex(130305)

Have a look what the booklet for
Hex(130305) contains.

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Color

Hex(130305)

Conversions

Conversions Part 1

Format	Color
Hex	130305
RGB	19, 3, 5
RGB Percent	7%, 1%, 2%
CMY	0.9255, 0.9882, 0.9804
CMYK	0.00, 0.84, 0.74, 0.93
HSL	352°, 73%, 4%
HSV	352°, 84%, 7%
XYZ	0.3285, 0.2145, 0.1677
YIQ	8.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

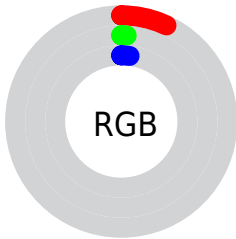
Format	Color
RYB	19, 3, 5
Decimal	1245957
CIELab	1.94, 5.10, 0.94
CIELCh	2, 5.191, 10.464
Yxy	0.2145, 0.4622, 0.3018
Android (android.graphics.Color)	4279436037 (0xFF130305)
YUV	8.0120, -1.4849, 9.6365
Hunter-Lab	4.6317, 4.5549, 1.0958

Details

The Hex color **130305** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031311**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3D3233**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **130103**, and if you desaturate by 10%, it is **130507**.

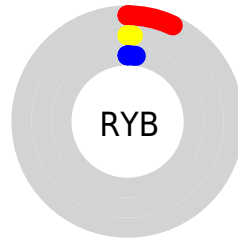
Distribution



Red (7%)

Green (1%)

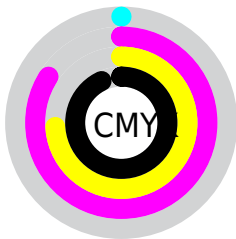
Blue (2%)



Red (7%)

Yellow (1%)

Blue (2%)

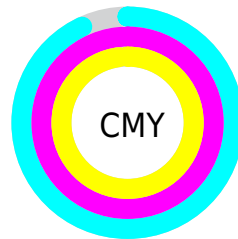


Cyan (0%)

Magenta (84%)

Yellow (74%)

Black (93%)



Cyan (93%)

Magenta (99%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130305 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 130305 by changing the saturation by 10% instead.

■ 130305

■ 130305

■ F3E5E6

■ 000000

■ 3D3233

■ 54484A

■ 6C6062

■ 85797A

■ A09394

■ BBADAF

■ D6C9CA

■ 130305

■ 130305

■ 130103

■ 130507

■ 130002

■ 130708

■ 13090A

■ 130B0C

■ 130D0D

■ 130E0F

■ 131011

■ 131212

■ 131414

Harmonies

Analogous

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



11030B



130305



130400

Triad

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



130305



020900



000911

Complementary

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



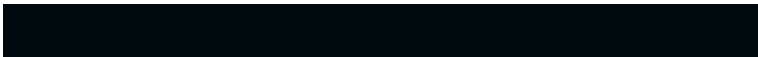
130305



031311

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.



000A0E



130305



000B03

Square

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



130305



080700



000B09



040712

Rectangle

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



130305



100500



000B09



000911

Sweetspot

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



130305



1A1314



110313



0D0909



8C8C8C



0D0D0D

Same Dimension

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



130305



1A0003



130903



0A0909



4A0009



C90019

Inverse Universe

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



130305



1A0003



030D13



0A0909



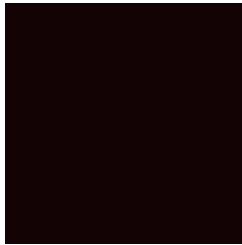
4A0009



C90019

Previews

White Background



This preview shows how the Hex color 130305 looks on a white background.

Color Contrast Check

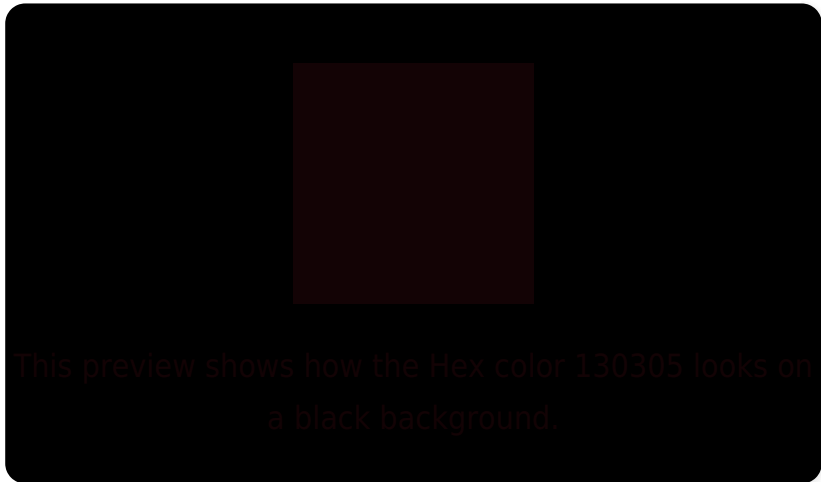
Large Text (above 18pt) WCAG AA ✓ Pass

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

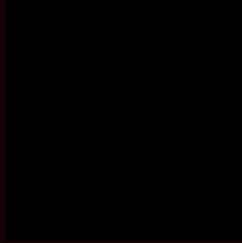
Any Text WCAG AA × Fail

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 130305 Background



This preview shows how black text looks on a background with the Hex color 130305.

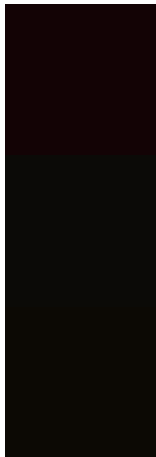


This preview shows how white text looks on a background with the Hex color 130305.

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
130305

Protanopia
0B0A07

Deuteranopia
0C0904



Tritanopia
130303

Trichromacy



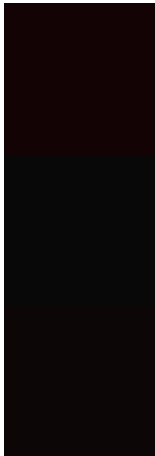
Original Color
130305

Protanomaly
0E0706

Deuteranomaly
0F0704

Tritanomaly
130304

Monochromacy



Original Color
130305

Achromatopsia
080808

Achromatomaly
0C0607

CSS Examples

Text

The CSS property to change the color of the text to Hex 130305 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 #130305 looks like.

```
.text, #text, p{  
    color:#130305  
}
```

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 #130305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130305
}
```

Border

The CSS property to change the border of an element to Hex 130305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

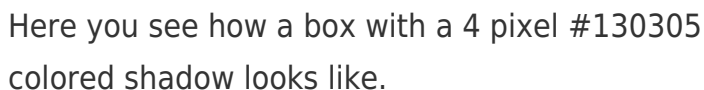
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130305 }
```

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

```
.border{ border-color:#130305 }
```

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



Here you see how a box with a 4 pixel #130305 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130305; -webkit-box-shadow:4px 4px  
4px 4px #130305; box-shadow:4px 4px 4px  
4px #130305 }
```

Background

The CSS property to change the background color of an element to Hex 130305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130305 }
```

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

```
.background{ background-color:#130305 }
```

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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