

Converting Colors

Hex(130035)

Have a look what the booklet for
Hex(130035) contains.

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Color

Hex(130035)

Conversions

Conversions Part 1

Format	Color
Hex	130035
RGB	19, 0, 53
RGB Percent	7%, 0%, 21%
CMY	0.9255, 1.0000, 0.7922
CMYK	0.64, 1.00, 0.00, 0.79
HSL	262°, 100%, 10%
HSV	262°, 100%, 21%
XYZ	0.9112, 0.3955, 3.3965
YIQ	11.7230, -5.6890, 20.5110

Conversions

Conversions Part 2

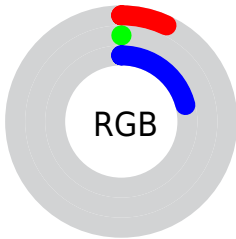
Format	Color
R_{YB}	19, 0, 53
Decimal	1245237
CIE Lab	3.57, 21.85, -29.21
CIE LCh	4, 36.481, 306.798
Yxy	0.3955, 0.1937, 0.0841
Android (android.graphics.Color)	4279435317 (0xFF130035)
YUV	11.7230, 20.3496, 6.3819
Hunter-Lab	6.2888, 14.8569, -27.6194

Details

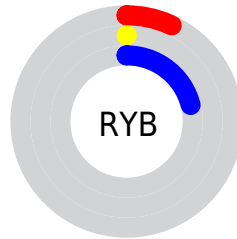
The Hex color **130035** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **223500**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **402E64**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **130035**, and if you desaturate by 10%, it is **160535**.

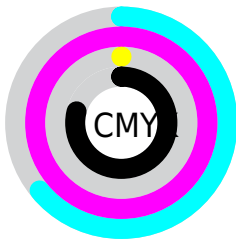
Distribution



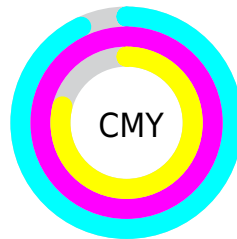
- Red (7%)
- Green (0%)
- Blue (21%)



- Red (7%)
- Yellow (0%)
- Blue (21%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (79%)



- Cyan (93%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130035 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 130035 by changing the saturation by 10% instead.

 130035

 130035

 FCE1FF

 00021F

 402E64

 000002

 59457D

 000000

 725C98

 8C75B2

 A78FCE

 C3A9EA

 DFC5FF

 130035

■ 160535

■ 1A0B35

■ 1D1035

■ 211535

■ 241B35

■ 272035

■ 2B2535

■ 2E2A35

■ 323035

Harmonies

Analogous

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



000F3E



130035



2D0022

Triad

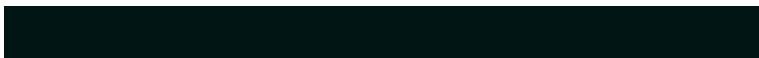
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130035



240100



001514

Complementary

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



130035



223500

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.



001500



130035



090F00

Square

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



130035



300000



001500



00172B

Rectangle

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



130035



340012



001500



001507

Sweetspot

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



130035



383045



002235



1B1724



A3A3A3



242424

Same Dimension

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



130035



190045



2D0035



18171A



200059



4E00D9

Inverse Universe

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



350022



45002C



083500



1A1719



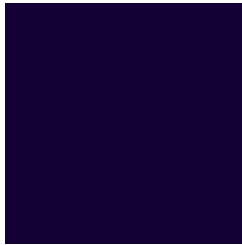
590039



D9008B

Previews

White Background



This preview shows how the Hex color 130035 looks on a white background.

Color Contrast Check

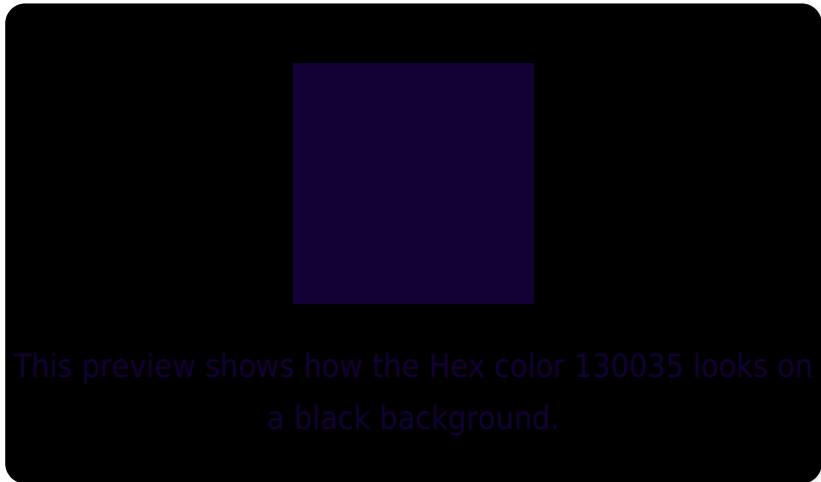
Large Text (above 18pt) WCAG AA ✓ Pass

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

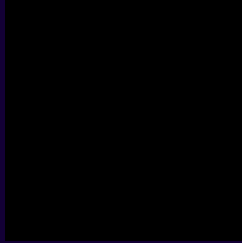
Any Text WCAG AA × Fail

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 130035 Background



This preview shows how black text looks on a background with the Hex color 130035.



This preview shows how white text looks on a background with the Hex color 130035.

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
130035

Protanopia
001225

Deuteranopia
00131F



Tritanopia
001416

Trichromacy



Original Color
130035

Protanomaly
070B2B

Deuteranomaly
070C27

Tritanomaly
070D21

Monochromacy



Original Color
130035

Achromatopsia
0C0C0C

Achromatomaly
0F081B

CSS Examples

Text

The CSS property to change the color of the text to Hex 130035 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 #130035 looks like.

```
.text, #text, p{  
    color:#130035  
}
```

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 #130035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130035
}
```

Border

The CSS property to change the border of an element to Hex 130035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

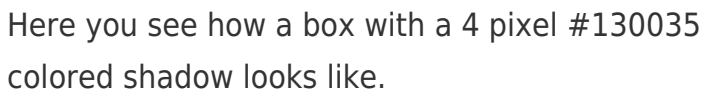
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130035 }
```

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

```
.border{ border-color:#130035 }
```

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



Here you see how a box with a 4 pixel #130035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130035; -webkit-box-shadow:4px 4px  
4px 4px #130035; box-shadow:4px 4px 4px  
4px #130035 }
```

Background

The CSS property to change the background color of an element to Hex 130035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130035 }
```

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

```
.background{ background-color:#130035 }
```

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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