

Converting Colors

Hex(150033)

Have a look what the booklet for
Hex(150033) contains.

Hex(150033)	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(150033)

Conversions

Conversions Part 1

Format	Color
Hex	150033
RGB	21, 0, 51
RGB Percent	8%, 0%, 20%
CMY	0.9176, 1.0000, 0.8000
CMYK	0.59, 1.00, 0.00, 0.80
HSL	265°, 100%, 10%
HSV	265°, 100%, 20%
XYZ	0.9068, 0.3984, 3.1611
YIQ	12.0930, -3.8550, 20.3130

Conversions

Conversions Part 2

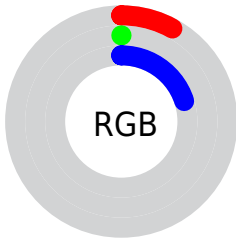
Format	Color
RYB	21, 0, 51
Decimal	1376307
CIELab	3.60, 21.57, -27.68
CIELCh	4, 35.088, 307.927
Yxy	0.3984, 0.2030, 0.0892
Android (android.graphics.Color)	4279566387 (0xFF150033)
YUV	12.0930, 19.1812, 7.8114
Hunter-Lab	6.3123, 14.5964, -25.2729

Details

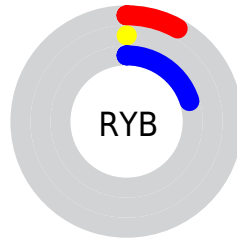
The Hex color **150033** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1E3300**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **422E62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **150033**, and if you desaturate by 10%, it is **180533**.

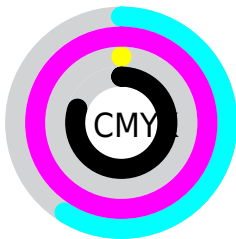
Distribution



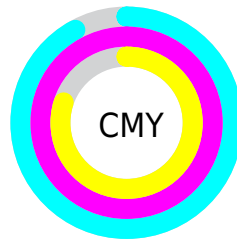
- Red (8%)
- Green (0%)
- Blue (20%)



- Red (8%)
- Yellow (0%)
- Blue (20%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (92%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 150033 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 150033 by changing the saturation by 10% instead.

 150033

 150033

 FDE1FF

 00021D

 422E62

 000000

 5A457B

 735C95

 8E75B0

 A88FCB

 C4A9E8

 E0C5FF

 150033

■ 180533

■ 1B0A33

■ 1E0F33

■ 211433

■ 241A33

■ 271F33

■ 2A2433

■ 2D2933

■ 302E33

Harmonies

Analogous

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



000E3C



150033



2D0020

Triad

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



150033



230200



001615

Complementary

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



150033



1E3300

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



150033



080F00

Square

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



150033



2F0000



001500



00172A

Rectangle

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



150033



330011



001500



001509

Sweetspot

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



150033



372E42



001F33



1A1521



A1A1A1



212121

Same Dimension

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



150033



1B0042



2E0033



18171A



250059



5900D9

Inverse Universe

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



33001E



420027



053300



1A1718



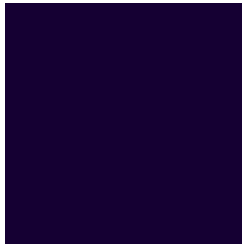
590034



D9007F

Previews

White Background



This preview shows how the Hex color 150033 looks on a white background.

Color Contrast Check

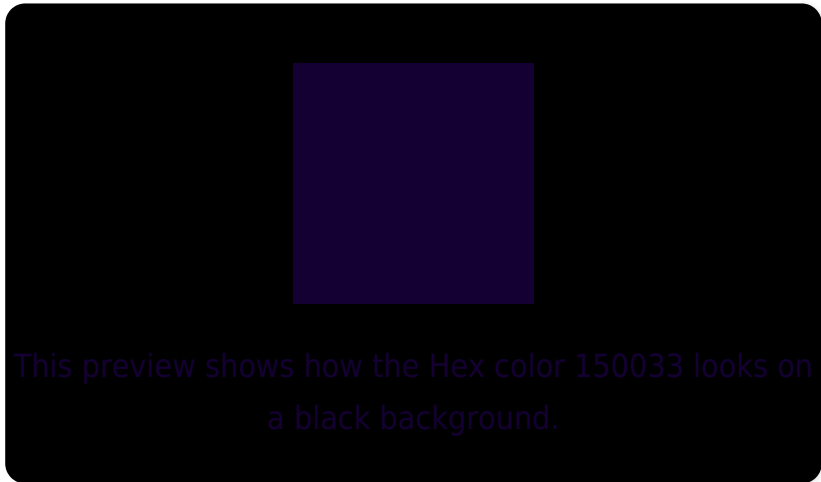
Large Text (above 18pt) WCAG AA ✓ Pass

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

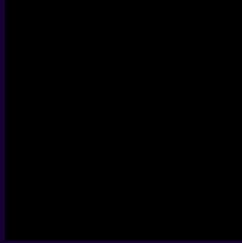
Any Text WCAG AA × Fail

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 150033 Background



This preview shows how black text looks on a background with the Hex color 150033.



This preview shows how white text looks on a background with the Hex color 150033.

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
150033

Protanopia
001225

Deuteranopia
00131F



Tritanopia
081415

Trichromacy



Original Color
150033

Protanomaly
080B2A

Deuteranomaly
080C26

Tritanomaly
0D0D20

Monochromacy



Original Color
150033

Achromatopsia
0C0C0C

Achromatomaly
0F081A

CSS Examples

Text

The CSS property to change the color of the text to Hex 150033 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 #150033 looks like.

```
.text, #text, p{  
    color:#150033  
}
```

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 #150033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #150033  
}
```

Border

The CSS property to change the border of an element to Hex 150033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

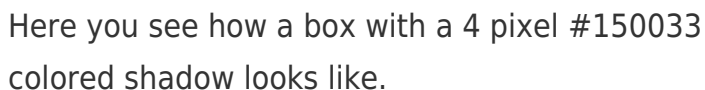
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#150033 }
```

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

```
.border{ border-color:#150033 }
```

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



Here you see how a box with a 4 pixel #150033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #150033; -webkit-box-shadow:4px 4px  
4px 4px #150033; box-shadow:4px 4px 4px  
4px #150033 }
```

Background

The CSS property to change the background color of an element to Hex 150033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#150033 }
```

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

```
.background{ background-color:#150033 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor