

Converting Colors

Hex(150051)

Have a look what the booklet for
Hex(150051) contains.

Hex(150051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

Hex(150051)

Conversions

Conversions Part 1

Format	Color
Hex	150051
RGB	21, 0, 81
RGB Percent	8%, 0%, 32%
CMY	0.9176, 1.0000, 0.6824
CMYK	0.74, 1.00, 0.00, 0.68
HSL	256°, 100%, 16%
HSV	256°, 100%, 32%
XYZ	1.7945, 0.7535, 7.8354
YIQ	15.5130, -13.4850, 29.6430

Conversions

Conversions Part 2

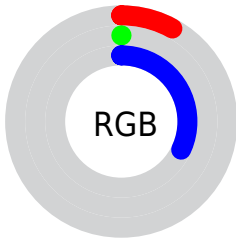
Format	Color
RYB	21, 0, 81
Decimal	1376337
CIELab	6.81, 34.83, -43.87
CIELCh	7, 56.016, 308.453
Yxy	0.7535, 0.1728, 0.0726
Android (android.graphics.Color)	4279566417 (0xFF150051)
YUV	15.5130, 32.2851, 4.8121
Hunter-Lab	8.6805, 21.7093, -47.4417

Details

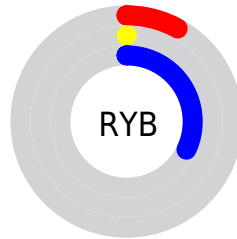
The Hex color **150051** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C5100**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4C2D83**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **150051**, and if you desaturate by 10%, it is **1B0851**.

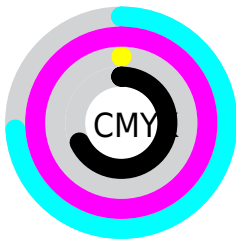
Distribution



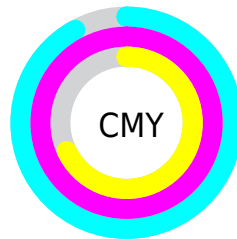
- Red (8%)
- Green (0%)
- Blue (32%)



- Red (8%)
- Yellow (0%)
- Blue (32%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (92%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 150051 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 150051 by changing the saturation by 10% instead.

 150051

 150051

 FFE2FF

 000039

 4C2D83

 000223

 66449E

 000009

 815CB9

 000000

 9C75D5

 B88FF2

 D5AAFF

 F2C6FF

 150051

■ 1B0851

■ 211051

■ 271851

■ 2D2051

■ 332951

■ 393151

■ 3F3951

■ 454151

■ 4B4951

Harmonies

Analogous

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



001A62



150051



440031

Triad

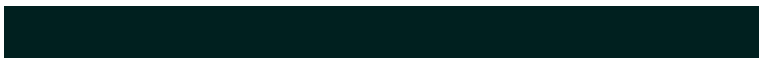
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150051



300600



00201F

Complementary

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



150051



3C5100

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.



002000



150051



101800

Square

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



150051



450000



002000



002344

Rectangle

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



150051



4D0019



002000



002012

Sweetspot

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



150051



514969



003D51



272236



B5B5B5



363636

Same Dimension

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



150051



1B0069



3D0051



262529



3C00E8

Inverse Universe

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



51003C



69004D



145100



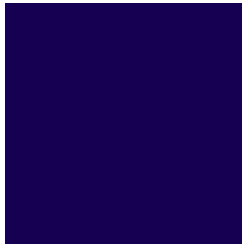
292528



E800AC

Previews

White Background



This preview shows how the Hex color 150051 looks on a white background.

Color Contrast Check

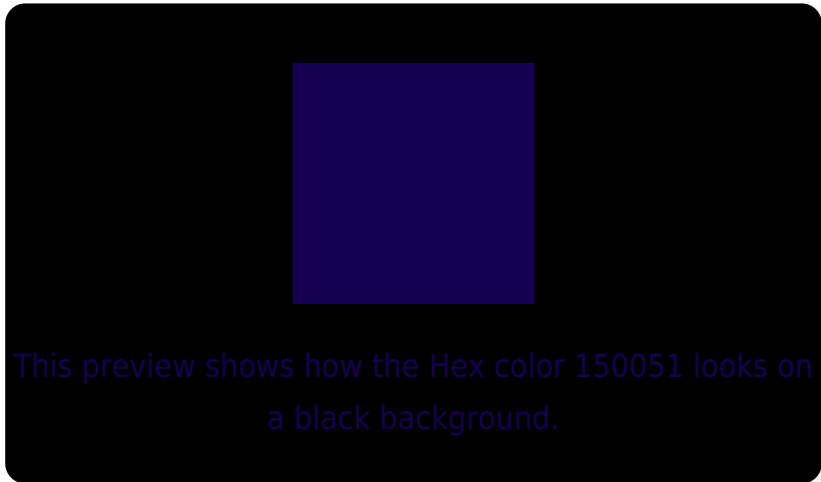
Large Text (above 18pt) WCAG AA ✓ Pass

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

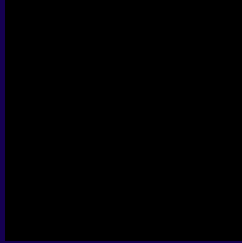
Any Text WCAG AA × Fail

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 150051 Background



This preview shows how black text looks on a background with the Hex color 150051.



This preview shows how white text looks on a background with the Hex color 150051.

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
150051

Deuteranopia
001B2D

Tritanopia
001D1F

Trichromacy



Original Color
150051

Deuteranomaly
08113A

Tritanomaly
081231

Monochromacy



Original Color
150051

Achromatopsia
101010

Achromatomaly
120A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 150051 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 #150051 looks like.

```
.text, #text, p{  
    color:#150051  
}
```

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 #150051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #150051
}
```

Border

The CSS property to change the border of an element to Hex 150051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

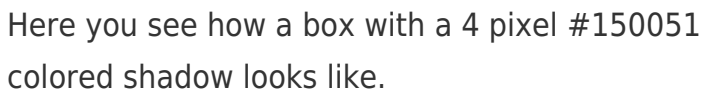
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#150051 }
```

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

```
.border{ border-color:#150051 }
```

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



Here you see how a box with a 4 pixel #150051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #150051; -webkit-box-shadow:4px 4px  
4px 4px #150051; box-shadow:4px 4px 4px  
4px #150051 }
```

Background

The CSS property to change the background color of an element to Hex 150051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#150051 }
```

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

```
.background{ background-color:#150051 }
```

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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