

Converting Colors

Hex(100735)

Have a look what the booklet for
Hex(100735) contains.

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Color

Hex(100735)

Conversions

Conversions Part 1

Format	Color
Hex	100735
RGB	16, 7, 53
RGB Percent	6%, 3%, 21%
CMY	0.9373, 0.9725, 0.7922
CMYK	0.70, 0.87, 0.00, 0.79
HSL	252°, 77%, 12%
HSV	252°, 87%, 21%
XYZ	0.9323, 0.5192, 3.4192
YIQ	14.9350, -9.4020, 16.2140

Conversions

Conversions Part 2

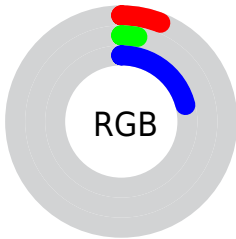
Format	Color
R_{YB}	16, 7, 53
Decimal	1050421
CIE Lab	4.69, 17.85, -27.43
CIE LCh	5, 32.724, 303.058
Yxy	0.5192, 0.1914, 0.1066
Android (android.graphics.Color)	4279240501 (0xFF100735)
YUV	14.9350, 18.7660, 0.9340
Hunter-Lab	7.2053, 10.4864, -23.0922

Details

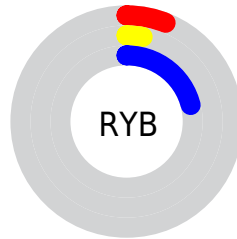
The Hex color **100735** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2C3507**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3E3364**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **0C0235**, and if you desaturate by 10%, it is **140C35**.

Distribution



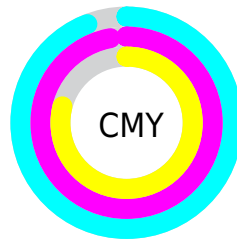
- Red (6%)
- Green (3%)
- Blue (21%)



- Red (6%)
- Yellow (3%)
- Blue (21%)



- Cyan (70%)
- Magenta (87%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (97%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100735 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 100735 by changing the saturation by 10% instead.

■ 100735

■ 100735

■ F9E6FF

■ 00021F

■ 3E3364

■ 000003

■ 574A7D

■ 000000

■ 706297

■ 8A7AB2

■ A594CE

■ C0AFEA

■ DCCAFF

■ 100735

■ 100735

■ 0C0235

■ 140C35

■ 0A0035

■ 191235

■ 1D1735

■ 211C35

■ 252235

■ 2A2735

■ 2E2C35

■ 323135

■ 363735

Harmonies

Analogous

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



00133C



100735



2B0025

Triad

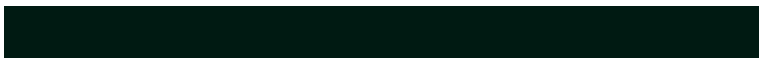
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



100735



260500



001A12

Complementary

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



100735



2C3507

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.



001900



100735



131000

Square

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



100735



310000



001800



001A28

Rectangle

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



100735



320017



001800



001907

Sweetspot

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



100735



363345



072D35



1B1924



A3A3A3



242424

Same Dimension

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



100735



0D0045



260735



17171A



110059



2A00D9

Inverse Universe

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



35072C



450037



163507



1A1719



590048



D900AE

Previews

White Background



This preview shows how the Hex color 100735 looks on a white background.

Color Contrast Check

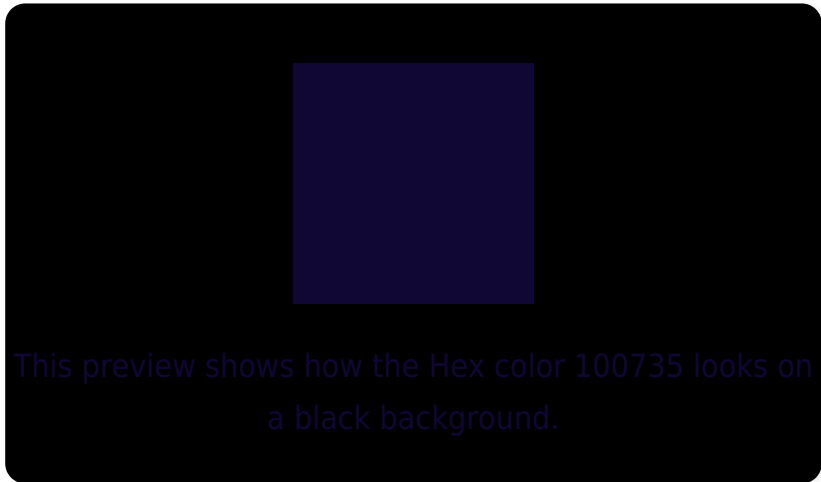
Large Text (above 18pt) WCAG AA ✓ Pass

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

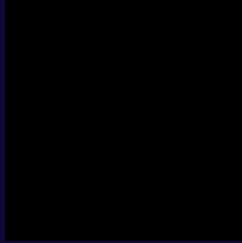
Any Text WCAG AA × Fail

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 100735 Background



This preview shows how black text looks on a background with the Hex color 100735.



This preview shows how white text looks on a background with the Hex color 100735.

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
100735

Protanopia
001225

Deuteranopia
001320



Tritanopia
001416

Trichromacy



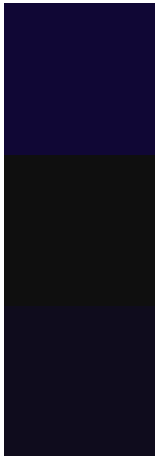
Original Color
100735

Protanomaly
060E2B

Deuteranomaly
060F28

Tritanomaly
060F21

Monochromacy



Original Color
100735

Achromatopsia
0F0F0F

Achromatomaly
0F0C1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 100735 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 #100735 looks like.

```
.text, #text, p{  
    color:#100735  
}
```

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 #100735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100735
}
```

Border

The CSS property to change the border of an element to Hex 100735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

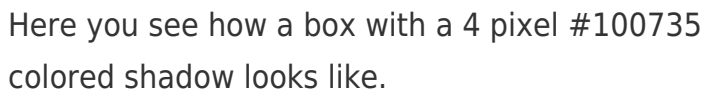
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100735 }
```

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

```
.border{ border-color:#100735 }
```

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



Here you see how a box with a 4 pixel #100735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100735; -webkit-box-shadow:4px 4px  
4px 4px #100735; box-shadow:4px 4px 4px  
4px #100735 }
```

Background

The CSS property to change the background color of an element to Hex 100735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100735 }
```

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

```
.background{ background-color:#100735 }
```

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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