

Converting Colors

Hex(100853)

Have a look what the booklet for
Hex(100853) contains.

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Color

Hex(100853)

Conversions

Conversions Part 1

Format	Color
Hex	100853
RGB	16, 8, 83
RGB Percent	6%, 3%, 33%
CMY	0.9373, 0.9686, 0.6745
CMYK	0.81, 0.90, 0.00, 0.67
HSL	246°, 82%, 18%
HSV	246°, 90%, 33%
XYZ	1.8619, 0.9084, 8.2608
YIQ	18.9420, -19.3070, 25.0210

Conversions

Conversions Part 2

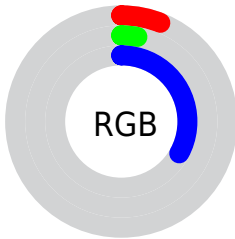
Format	Color
R_{YB}	16, 8, 83
Decimal	1050707
CIE Lab	8.20, 30.46, -42.94
CIE LCh	8, 52.644, 305.351
Yxy	0.9084, 0.1688, 0.0823
Android (android.graphics.Color)	4279240787 (0xFF100853)
YUV	18.9420, 31.5806, -2.5801
Hunter-Lab	9.5308, 18.1914, -44.7181

Details

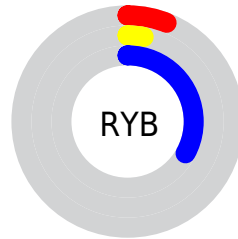
The Hex color **100853** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4B5308**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **493486**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **090053**, and if you desaturate by 10%, it is **171053**.

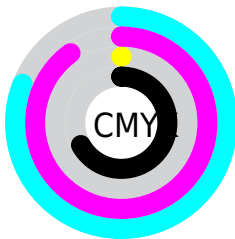
Distribution



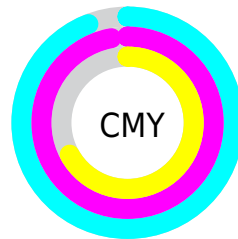
- Red (6%)
- Green (3%)
- Blue (33%)



- Red (6%)
- Yellow (3%)
- Blue (33%)



- Cyan (81%)
- Magenta (90%)
- Yellow (0%)
- Black (67%)



- Cyan (94%)
- Magenta (97%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100853 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 100853 by changing the saturation by 10% instead.

 100853

 100853

 FFE9FF

 00003B

 493486

 000225

 634BA0

 00010D

 7E63BB

 000000

 997CD7

 B596F4

 D1B1FF

 EECDFE

 100853

 100853

■ 090053

■ 171053

■ 1F1953

■ 262153

■ 2E2953

■ 353153

■ 3C3A53

■ 444253

■ 4B4A53

■ 535353

Harmonies

Analogous

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



001D61



100853



430036

Triad

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



100853



350700



00241E

Complementary

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



100853



4B5308

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.



002300



100853



1A1900

Square

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



100853



480000



002200



002641

Rectangle

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



100853



4D001F



002200



002411

Sweetspot

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



100853



514E6B



084B53



262436



B5B5B5



363636

Same Dimension

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



100853



0B006B



350853



252529



0B0069



1900E8

Inverse Universe

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



53084B



6B0060



265308



292528



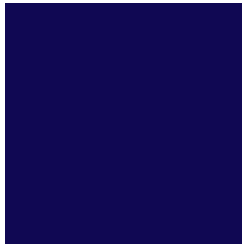
69005D



E800CF

Previews

White Background



This preview shows how the Hex color 100853 looks on a white background.

Color Contrast Check

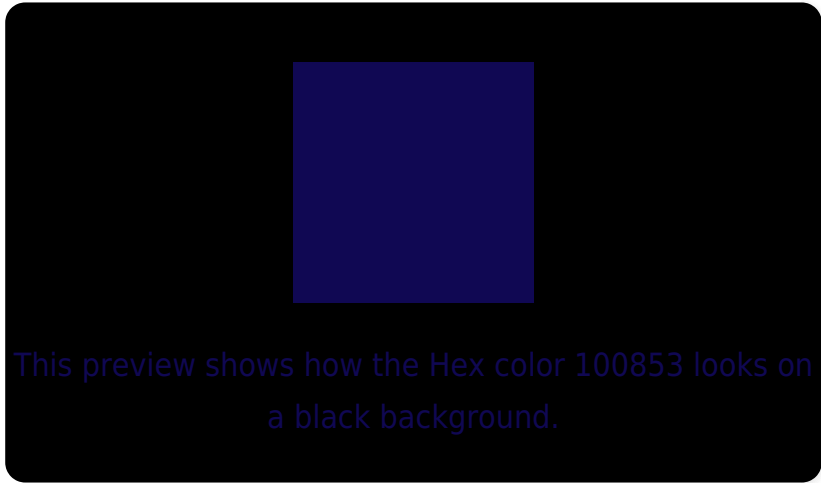
Large Text (above 18pt) WCAG AA ✓ Pass

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

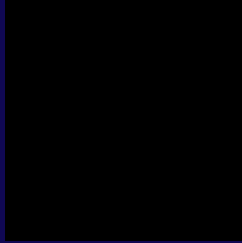
Any Text WCAG AA × Fail

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 100853 Background



This preview shows how black text looks on a background with the Hex color 100853.



This preview shows how white text looks on a background with the Hex color 100853.

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
100853

Protanopia
001A36

Deuteranopia
001B2E



Tritanopia
001E1F

Trichromacy



Original Color
100853

Protanomaly
061341

Deuteranomaly
06143B

Tritanomaly
061632

Monochromacy



Original Color
100853

Achromatopsia
131313

Achromatomaly
120F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 100853 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 #100853 looks like.

```
.text, #text, p{  
    color:#100853  
}
```

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 #100853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100853
}
```

Border

The CSS property to change the border of an element to Hex 100853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

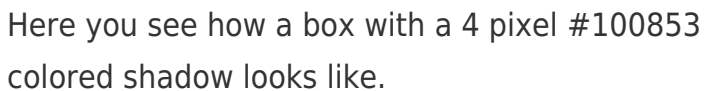
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100853 }
```

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

```
.border{ border-color:#100853 }
```

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



Here you see how a box with a 4 pixel #100853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100853; -webkit-box-shadow:4px 4px  
4px 4px #100853; box-shadow:4px 4px 4px  
4px #100853 }
```

Background

The CSS property to change the background color of an element to Hex 100853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100853 }
```

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

```
.background{ background-color:#100853 }
```

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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