

Converting Colors

Hex(100027)

Have a look what the booklet for
Hex(100027) contains.

Hex(100027)	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(100027)

Conversions

Conversions Part 1

Format	Color
Hex	100027
RGB	16, 0, 39
RGB Percent	6%, 0%, 15%
CMY	0.9373, 1.0000, 0.8471
CMYK	0.59, 1.00, 0.00, 0.85
HSL	265°, 100%, 8%
HSV	265°, 100%, 15%
XYZ	0.5799, 0.2566, 1.9384
YIQ	9.2300, -2.9830, 15.5210

Conversions

Conversions Part 2

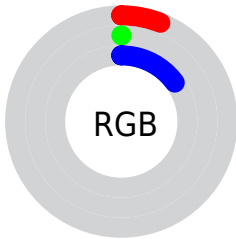
Format	Color
R_{YB}	16, 0, 39
Decimal	1048615
CIE Lab	2.32, 13.76, -20.64
CIE LCh	2, 24.807, 303.695
Yxy	0.2566, 0.2090, 0.0925
Android (android.graphics.Color)	4279238695 (0xFF100027)
YUV	9.2300, 14.6766, 5.9373
Hunter-Lab	5.0660, 11.5671, -19.1403




Details

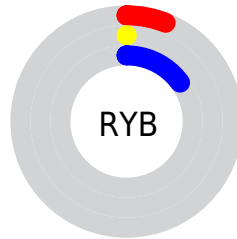
The Hex color **100027** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **172700**, and the grayscale version is **090909**.




A 20% lighter version of the original color is **393054**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100027**, and if you desaturate by 10%, it is **120427**.

Distribution







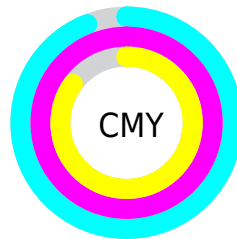
-  Red (6%)
-  Green (0%)
-  Blue (15%)






-  Red (6%)
-  Yellow (0%)
-  Blue (15%)



-  Cyan (59%)
-  Magenta (100%)
-  Yellow (0%)
-  Black (85%)



-  Cyan (94%)
-  Magenta (100%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100027 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 100027 by changing the saturation by 10% instead.

 100027

 100027

 F1E2FF

 000111

 393054

 000000

 51466D

 6A5E86

 8376A0

 9E90BB

 B9ABD7

 D4C6F3

 100027

■ 120427

■ 150827

■ 170C27

■ 191027

■ 1C1427

■ 1E1727

■ 201B27

■ 221F27

■ 252327

Harmonies

Analogous

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



000A2C



100027



22001B

Triad

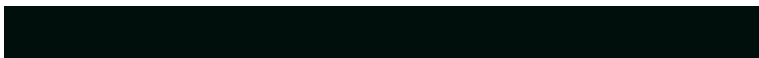
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



100027



1E0000



000F0C

Complementary

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



100027



172700

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.



000F00



100027



090900

Square

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



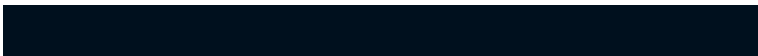
100027



270000



000F00



00101E

Rectangle

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



100027



28000F



000F00



000F01

Sweetspot

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



100027



2A2433



001727



14101A



999999



1A1A1A

Same Dimension

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



100027



150033



230027



131214



230054



5700D4

Inverse Universe

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



270017



33001E



042700



141214



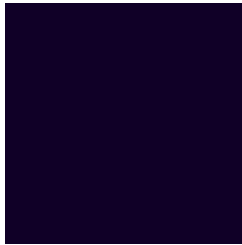
540032



D4007D

Previews

White Background



This preview shows how the Hex color 100027 looks on a white background.

Color Contrast Check

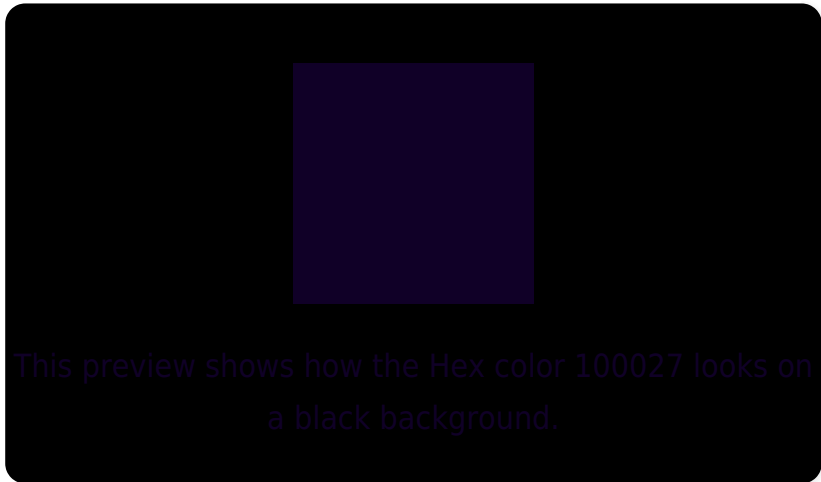
Large Text (above 18pt) WCAG AA ✓ Pass

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

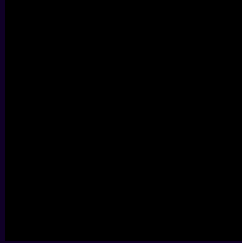
Any Text WCAG AA × Fail

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 100027 Background



This preview shows how black text looks on a background with the Hex color 100027.



This preview shows how white text looks on a background with the Hex color 100027.

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](#).

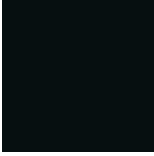
Dichromacy



Original Color
100027

Protanopia
000D1C

Deuteranopia
000E18



Tritanopia
060F10

Trichromacy



Original Color
100027

Protanomaly
060820

Deuteranomaly
06091D

Tritanomaly
0A0A18

Monochromacy



Original Color
100027

Achromatopsia
090909

Achromatomaly
0C0614

CSS Examples

Text

The CSS property to change the color of the text to Hex 100027 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 #100027 looks like.

```
.text, #text, p{  
    color:#100027  
}
```

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 #100027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100027
}
```

Border

The CSS property to change the border of an element to Hex 100027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

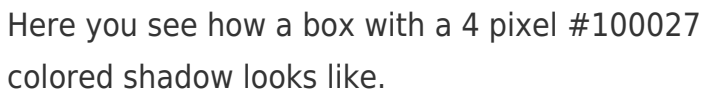
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100027 }
```

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

```
.border{ border-color:#100027 }
```

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



Here you see how a box with a 4 pixel #100027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100027; -webkit-box-shadow:4px 4px  
4px 4px #100027; box-shadow:4px 4px 4px  
4px #100027 }
```

Background

The CSS property to change the background color of an element to Hex 100027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100027 }
```

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

```
.background{ background-color:#100027 }
```

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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