

Converting Colors

Hex(090033)

Have a look what the booklet for
Hex(090033) contains.

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Color

Hex(090033)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 090033 |
| RGB | 9, 0, 51 |
| RGB Percent | 4%, 0%, 20% |
| CMY | 0.9647, 1.0000, 0.8000 |
| CMYK | 0.82, 1.00, 0.00, 0.80 |
| HSL | 251°, 100%, 10% |
| HSV | 251°, 100%, 20% |
| XYZ | 0.7102, 0.2971, 3.1519 |
| YIQ | 8.5050, -11.0070, 17.7690 |

Conversions

Conversions Part 2

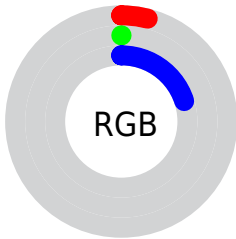
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 9, 0, 51 |
| Decimal | 589875 |
| CIE _{Lab} | 2.68, 17.53, -29.20 |
| CIE _{LCh} | 3, 34.052, 300.975 |
| Yxy | 0.2971, 0.1708, 0.0714 |
| Android (android.graphics.Color) | 4278779955 (0xFF090033) |
| YUV | 8.5050, 20.9500, 0.4341 |
| Hunter-Lab | 5.4506, 13.7193, -30.4696 |

Details

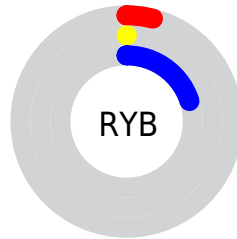
The Hex color **090033** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A3300**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **362F62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090033**, and if you desaturate by 10%, it is **0D0533**.

Distribution



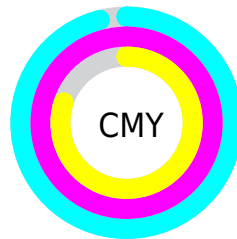
- Red (4%)
- Green (0%)
- Blue (20%)



- Red (4%)
- Yellow (0%)
- Blue (20%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (96%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090033 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 090033 by changing the saturation by 10% instead.

 090033

 090033

 F0E1FF

 00021D

 362F62

 000000

 4F457B

 685D95

 8276B0

 9C8FCB

 B8AAE8

 D4C5FF

 090033

■ 0D0533

■ 110A33

■ 160F33

■ 1A1433

■ 1E1A33

■ 221F33

■ 262433

■ 2B2933

■ 2F2E33

Harmonies

Analogous

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



000E39



090033



270023

Triad

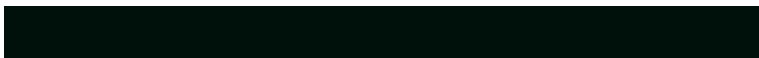
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



090033



240000



00110B

Complementary

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



090033



2A3300

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.



001100



090033



0D0A00

Square

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



090033



2F0000



001100



001223

Rectangle

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



090033



2F0015



001100

Sweetspot

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



090033



322E42



002A33



171521



A1A1A1



212121

Same Dimension

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



090033



0C0042



220033



17171A



100059



2600D9

Inverse Universe

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



33002A



420037



113300



1A1719



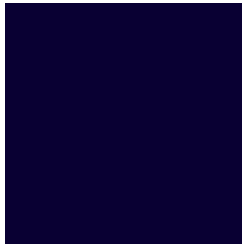
590049



D900B2

Previews

White Background



This preview shows how the Hex color 090033 looks on a white background.

Color Contrast Check

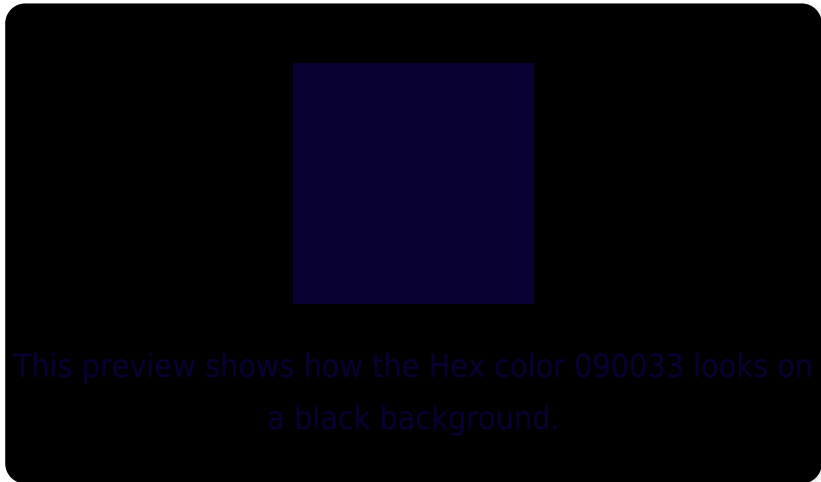
Large Text (above 18pt) WCAG AA ✓ Pass

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

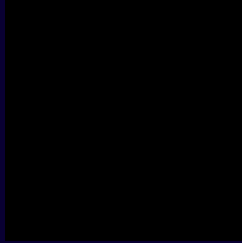
Any Text WCAG AA × Fail

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 090033 Background



This preview shows how black text looks on a background with the Hex color 090033.



This preview shows how white text looks on a background with the Hex color 090033.

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
090033

Protanopia
000F20

Deuteranopia
00101B

Trichromacy



Original Color
090033

Protanomaly
030A27

Deuteranomaly
030A24

Tritanomaly
030B1E

Monochromacy



Original Color
090033

Achromatopsia
090909

Achromatomaly
090618

CSS Examples

Text

The CSS property to change the color of the text to Hex 090033 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 #090033 looks like.

```
.text, #text, p{  
    color:#090033  
}
```

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 #090033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090033  
}
```

Border

The CSS property to change the border of an element to Hex 090033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

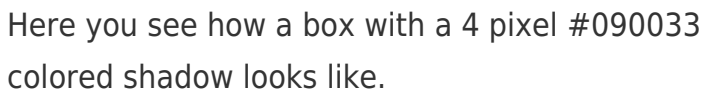
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#090033 }
```

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

```
.border{ border-color:#090033 }
```

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



Here you see how a box with a 4 pixel #090033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090033; -webkit-box-shadow:4px 4px  
4px 4px #090033; box-shadow:4px 4px 4px  
4px #090033 }
```

Background

The CSS property to change the background color of an element to Hex 090033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090033 }
```

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

```
.background{ background-color:#090033 }
```

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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