

Converting Colors

Hex(090073)

Have a look what the booklet for
Hex(090073) contains.

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Color

Hex(090073)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 090073 |
| RGB | 9, 0, 115 |
| RGB Percent | 4%, 0%, 45% |
| CMY | 0.9647, 1.0000, 0.5490 |
| CMYK | 0.92, 1.00, 0.00, 0.55 |
| HSL | 245°, 100%, 23% |
| HSV | 245°, 100%, 45% |
| XYZ | 3.2072, 1.2959, 16.3007 |
| YIQ | 15.8010, -31.5510, 37.6730 |

Conversions

Conversions Part 2

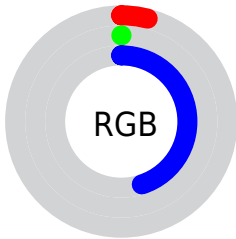
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 9, 0, 115 |
| Decimal | 589939 |
| CIELab | 11.25, 44.13, -59.22 |
| CIELCh | 11, 73.854, 306.692 |
| Yxy | 1.2959, 0.1542, 0.0623 |
| Android (android.graphics.Color) | 4278780019 (0xFF090073) |
| YUV | 15.8010, 48.9051, -5.9645 |
| Hunter-Lab | 11.3837, 30.3681, -76.9312 |

Details

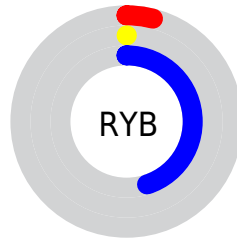
The Hex color **090073** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6A7300**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5131A8**, and **000241** is the 20% darker color. If you saturate the color by 10%, you get **090073**, and if you desaturate by 10%, it is **140B73**.

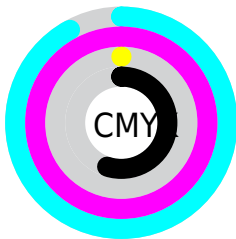
Distribution



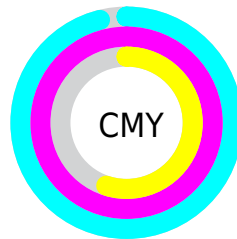
- Red (4%)
- Green (0%)
- Blue (45%)



- Red (4%)
- Yellow (0%)
- Blue (45%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090073 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 090073 by changing the saturation by 10% instead.

 090073

 090073

 FFE9FF

 00005A

 5131A8

 000241

 6E49C4

 00032A

 8A62E1

 000114

 A77BFE

 000000

 C396FF

 E1B1FF

 FFCDFD

 090073

■ 140B73

■ 1E1773

■ 292373

■ 332E73

■ 3E3A73

■ 494573

■ 535173

■ 5E5C73

■ 686873

Harmonies

Analogous

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



002689



090073



5C0047

Triad

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



090073



440400



002C29

Complementary

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



090073



6A7300

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.



002B00



090073



1C2000

Square

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



090073



600000



002A00



002F5C

Rectangle

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



090073



6A0026



002A00



002C17

Sweetspot

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



090073



6D6996



006B73



33314D



CCCCCC



4D4D4D

Same Dimension

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



090073



0C0096



410073



35353B



0A007A



1400FA

Inverse Universe

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



73006A



96008B



327300



3B353A



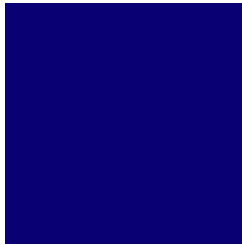
7A0071



FA00E6

Previews

White Background



This preview shows how the Hex color 090073 looks on a white background.

Color Contrast Check

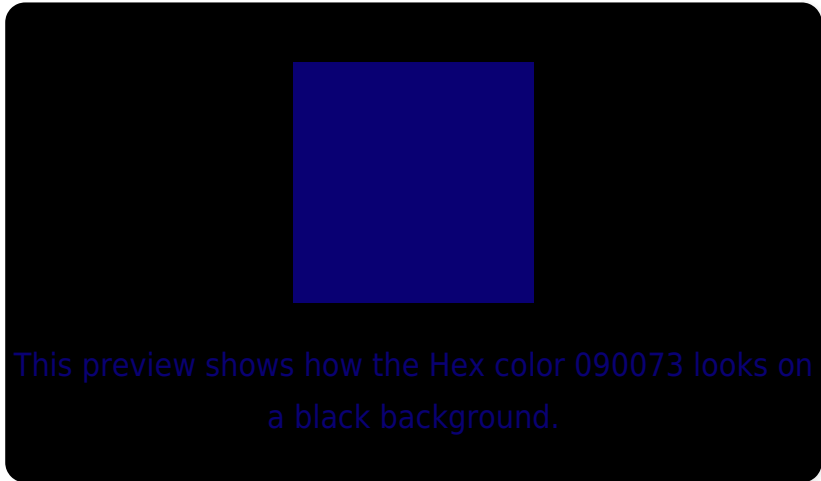
Large Text (above 18pt) WCAG AA ✓ Pass

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

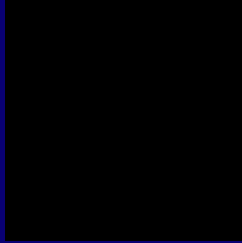
Any Text WCAG AA × Fail

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 090073 Background



This preview shows how black text looks on a background with the Hex color 090073.



This preview shows how white text looks on a background with the Hex color 090073.

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
090073

Protanopia
002247

Deuteranopia
00243C

Trichromacy



Original Color

090073

Protanomaly

031657

Deuteranomaly

031750

Tritanomaly

031944

Monochromacy



Original Color

090073

Achromatopsia

101010

Achromatomaly

0D0A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 090073 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 #090073 looks like.

```
.text, #text, p{  
    color:#090073  
}
```

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 #090073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090073
}
```

Border

The CSS property to change the border of an element to Hex 090073 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".

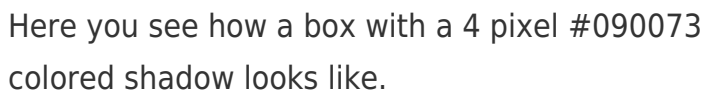
```
.border, #border, table{ border:4px solid
#090073 }
```

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

```
.border{ border-color:#090073 }
```

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

Here you see how a box with a 4 pixel #090073 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090073; -webkit-box-shadow:4px 4px  
4px 4px #090073; box-shadow:4px 4px 4px  
4px #090073 }
```

Background

The CSS property to change the background color of an element to Hex 090073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090073 }
```

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

```
.background{ background-color:#090073 }
```

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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