

# Converting Colors

Hex(090003)

Have a look what the booklet for  
Hex(090003) contains.

<b>Hex(090003)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(090003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	090003
RGB	9, 0, 3
RGB Percent	4%, 0%, 1%
CMY	0.9647, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.67, 0.96
HSL	340°, 100%, 2%
HSV	340°, 100%, 4%
XYZ	0.1291, 0.0647, 0.0918
YIQ	3.0330, 4.4010, 2.8410

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">9, 0, 3</a>
Decimal	<a href="#">589827</a>
CIELab	<a href="#">0.58, 2.77, -0.31</a>
CIELCh	<a href="#">1, 2.788, 353.688</a>
Yxy	<a href="#">0.0647, 0.4521, 0.2264</a>
Android (android.graphics.Color)	<a href="#">4278779907 (0xFF090003)</a>
YUV	<a href="#">3.0330, -0.0163, 5.2331</a>
Hunter-Lab	<a href="#">2.5427, 4.6129, -0.3613</a>

# Details

The Hex color **090003** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000906**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **363032**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090003**, and if you desaturate by 10%, it is **090104**.

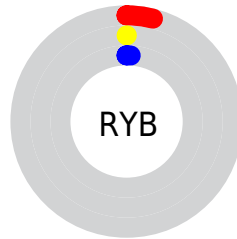
# Distribution



Red (4%)

Green (0%)

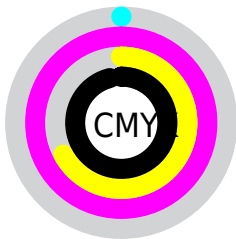
Blue (1%)



Red (4%)

Yellow (0%)

Blue (1%)

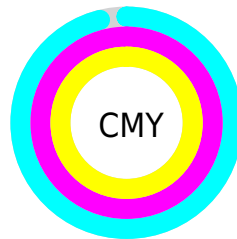


Cyan (0%)

Magenta (100%)

Yellow (67%)

Black (96%)



Cyan (96%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 090003 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 090003 by changing the saturation by 10% instead.



 090003

 090003

 E9E2E5

 000000

 363032

 4C4749

 645E60

 7D7779

 979193

 B2ABAD

 CDC6C9

 090003

■ 090104

■ 090204

■ 090305

■ 090405

■ 090506

■ 090507

■ 090607

■ 090708

■ 090808

# Harmonies

## Analogous

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



060106



090003



0A0000

# Triad

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



090003



000300



000408

# Complementary

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



090003



000906

# 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.



000405



090003



000400

# Square

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



090003



040200



000401



000309

# Rectangle

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



090003



090000



000401



000407



# Sweetspot

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



090003



0D090A



060009



080506



878787



080808



# Same Dimension

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



090003



0D0004



090100



050505



450017



C40041



# Inverse Universe

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



090003



0D0004



000709



050505



450017

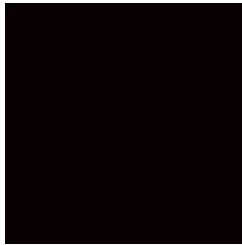


C40041



# Previews

## White Background



This preview shows how the Hex color 090003 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

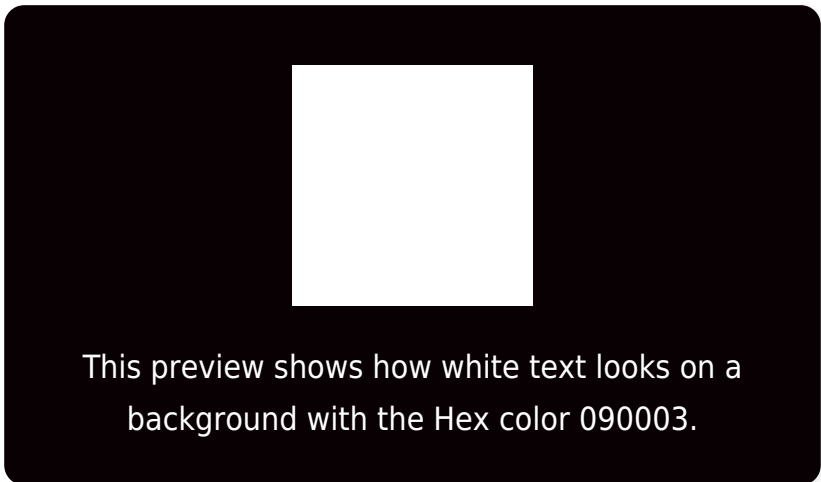
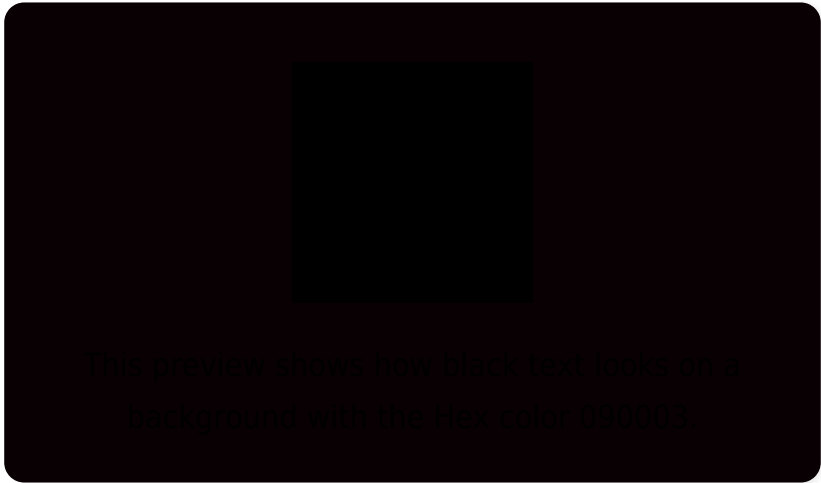
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 090003 Background



# 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**  
090003

**Protanopia**  
050504

**Deuteranopia**  
060403



**Tritanopia**  
090101

# Trichromacy



**Original Color**

090003

**Protanomaly**

060304

**Deuteranomaly**

070303

**Tritanomaly**

090102

# Monochromacy



**Original Color**

090003

**Achromatopsia**

030303

**Achromatomaly**

050203

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 090003 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 #090003 looks like.

```
.text, #text, p{  
    color:#090003  
}
```

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 #090003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090003
}
```

## Border

The CSS property to change the border of an element to Hex 090003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

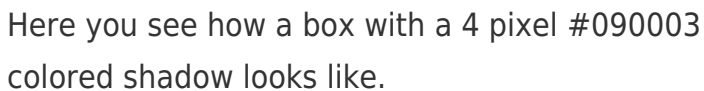
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090003 }
```

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

```
.border{ border-color:#090003 }
```

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



Here you see how a box with a 4 pixel #090003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090003; -webkit-box-shadow:4px 4px  
4px 4px #090003; box-shadow:4px 4px 4px  
4px #090003 }
```

# Background

The CSS property to change the background color of an element to Hex 090003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090003 }
```

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

```
.background{ background-color:#090003 }
```

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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