

# Converting Colors

Hex(0D0092)

Have a look what the booklet for  
Hex(0D0092) contains.

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# Color

**Hex(0D0092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0092
RGB	13, 0, 146
RGB Percent	5%, 0%, 57%
CMY	0.9490, 1.0000, 0.4275
CMYK	0.91, 1.00, 0.00, 0.43
HSL	245°, 100%, 29%
HSV	245°, 100%, 57%
XYZ	5.3543, 2.1609, 27.3290
YIQ	20.5310, -39.1180, 48.1620

# Conversions

## Conversions Part 2

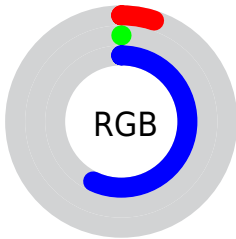
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 0, 146
Decimal	852114
CIELab	16.31, 52.40, -70.45
CIELCh	16, 87.805, 306.643
Yxy	2.1609, 0.1537, 0.0620
Android (android.graphics.Color)	4279042194 (0xFF0D0092)
YUV	20.5310, 61.8562, -6.6047
Hunter-Lab	14.7000, 39.2916, -99.9374

# Details

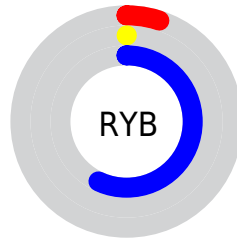
The Hex color **0D0092** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **859200**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5C36C9**, and **00005E** is the 20% darker color. If you saturate the color by 10%, you get **0D0092**, and if you desaturate by 10%, it is **1A0F92**.

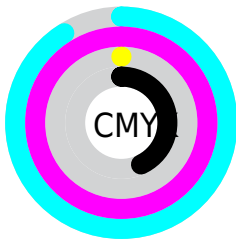
# Distribution



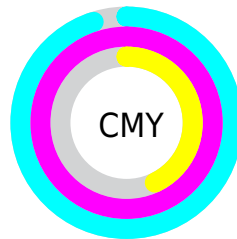
- Red (5%)
- Green (0%)
- Blue (57%)



- Red (5%)
- Yellow (0%)
- Blue (57%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (100%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D0092 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 0D0092 by changing the saturation by 10% instead.



 0D0092

 0D0092


 FFF2FF

 000077

 5C36C9

 00005E

 7A4FE6

 000845

 9869FF

 00032E

 B583FF

 000118

 D39EFF

 000000

 F2B9FF

 FFD5FF

 0D0092

■ 1A0F92

■ 281D92

■ 352C92

■ 423A92

■ 504992

■ 5D5892

■ 6A6692

■ 777592

■ 858392

# Harmonies

## Analogous

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



0032AD



0D0092



75005C

# Triad

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



0D0092



580600



003A36

# Complementary

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



0D0092



859200

# 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.



003900



0D0092



262C00

# Square

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



0D0092



7A0000



003600



003E75

# Rectangle

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



0D0092



860033



003600



003920



# Sweetspot

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



0D0092



8984BD



008692



3F3C5E



DEDEDE



5E5E5E



# Same Dimension

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



0D0092



1100BD



550092



43434A



0C008A



01000A



# Inverse Universe

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



920085



BD00AC



3D9200



4A4349



8A007D

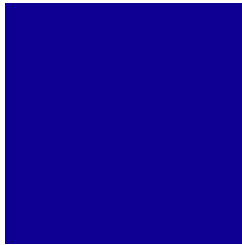


0A0009



# Previews

## White Background



This preview shows how the Hex color 0D0092 looks on a white background.

## Color Contrast Check

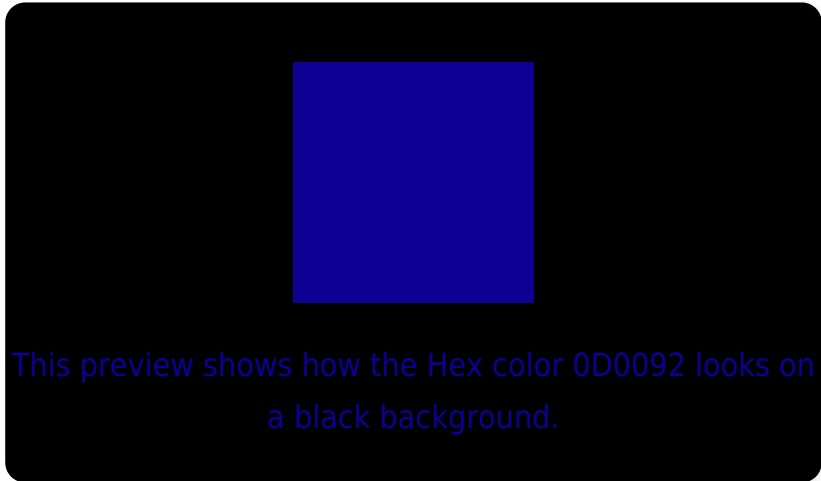
Large Text (above 18pt) WCAG AA ✓ Pass

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

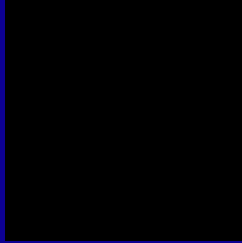
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D0092 Background



This preview shows how black text looks on a background with the Hex color 0D0092.



This preview shows how white text looks on a background with the Hex color 0D0092.

# 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**  
0D0092

**Protanopia**  
002B5A

**Deuteranopia**  
002E4C



**Tritanopia**  
003134

# Trichromacy



**Original Color**  
0D0092

**Protanomaly**  
051B6E

**Deuteranomaly**  
051D65

**Tritanomaly**  
051F56

# Monochromacy



**Original Color**  
0D0092

**Achromatopsia**  
151515

**Achromatomaly**  
120D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D0092 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 #0D0092 looks like.

```
.text, #text, p{  
    color:#0D0092  
}
```

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 #0D0092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0092
}
```

## Border

The CSS property to change the border of an element to Hex 0D0092 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".

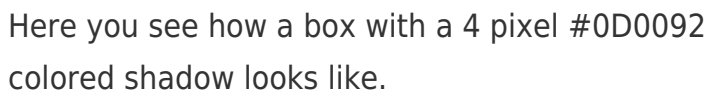
```
.border, #border, table{ border:4px solid
#0D0092 }
```

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

```
.border{ border-color:#0D0092 }
```

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

Here you see how a box with a 4 pixel #0D0092 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0092; -webkit-box-shadow:4px 4px  
4px 4px #0D0092; box-shadow:4px 4px 4px  
4px #0D0092 }
```

# Background

The CSS property to change the background color of an element to Hex 0D0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0092 }
```

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

```
.background{ background-color:#0D0092 }
```

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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