

# Converting Colors

Hex(089702)

Have a look what the booklet for  
Hex(089702) contains.

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**Color**

**Hex(089702)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	089702
RGB	8, 151, 2
RGB Percent	3%, 59%, 1%
CMY	0.9686, 0.4078, 0.9922
CMYK	0.95, 0.00, 0.99, 0.41
HSL	118°, 97%, 30%
HSV	118°, 99%, 59%
XYZ	11.1777, 22.1892, 3.7513
YIQ	91.2570, -37.3990, -76.6550

# Conversions

## Conversions Part 2

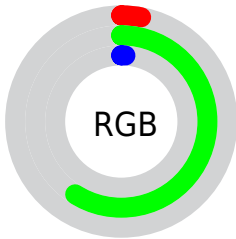
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 151, 145
Decimal	562946
CIELab	54.23, -57.74, 56.00
CIELCh	54, 80.435, 135.873
Yxy	22.1892, 0.3011, 0.5978
Android (android.graphics.Color)	4278753026 (0xFF089702)
YUV	91.2570, -44.0037, -73.0164
Hunter-Lab	47.1054, -40.0780, 28.2522

# Details

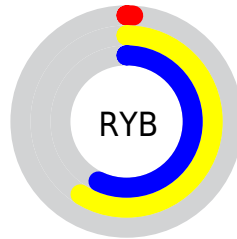
The Hex color **089702** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **910297**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5BCF46**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **069700**, and if you desaturate by 10%, it is **169711**.

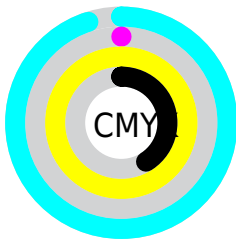
# Distribution



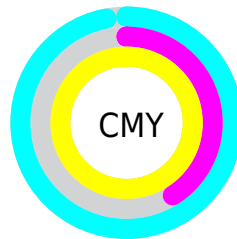
- Red (3%)
- Green (59%)
- Blue (1%)



- Red (1%)
- Yellow (59%)
- Blue (57%)



- Cyan (95%)
- Magenta (0%)
- Yellow (99%)
- Black (41%)



- Cyan (97%)
- Magenta (41%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 089702 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 089702 by changing the saturation by 10% instead.



 089702

 089702

FFFFFF

 007C00

 5BCF46

 006200

 79EB61

 004900

 97FF7C

 003200

 B5FF98

 001700

 D2FFB4

 000000

 F1FFD0

 FFFFED

 089702

 089702

■ 069700

■ 169711

■ 259720

■ 33972F

■ 42973E

■ 50974D

■ 5F975D

■ 6D976C

■ 7C977B

■ 8A978A

# Harmonies

## Analogous

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



7B8A00



089702



009D5D

# Triad

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



089702



0093FF



F92460

# Complementary

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



089702



910297

# 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.



EB2CA6



089702



007EFF

# Square

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



089702



009DE5



B05AE4



E44F1B

# Rectangle

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



089702



009F8E



B05AE4



F81C77



# Sweetspot

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



089702



8CC489



979002



416340



E3E3E3



636363



# Same Dimension

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



089702



08C400



029745



454D45



068C00



010D00



# Inverse Universe

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



910297



BC00C4



970254



4C454D



87008C

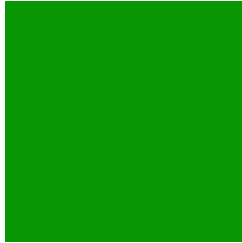


0C000D



# Previews

## White Background



This preview shows how the Hex color 089702 looks on a white background.

## Color Contrast Check

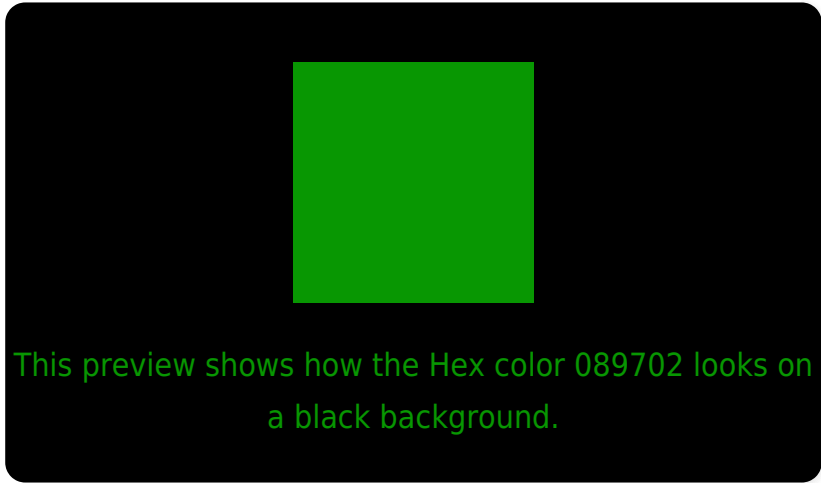
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

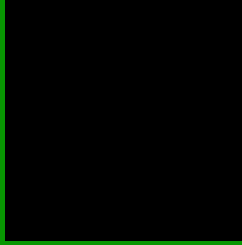
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 089702 Background



This preview shows how black text looks on a background with the Hex color 089702.



This preview shows how white text looks on a background with the Hex color 089702.

# 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**  
089702

**Protanopia**  
928100

**Deuteranopia**  
A27A21



**Tritanopia**  
408C98

# Trichromacy



**Original Color**  
089702



**Protanomaly**  
608901



**Deuteranomaly**  
6A8516



**Tritanomaly**  
2C9061

# Monochromacy



**Original Color**  
089702



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
3D713B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 089702 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 #089702 looks like.

```
.text, #text, p{  
    color:#089702  
}
```

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 #089702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089702
}
```

## Border

The CSS property to change the border of an element to Hex 089702 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".

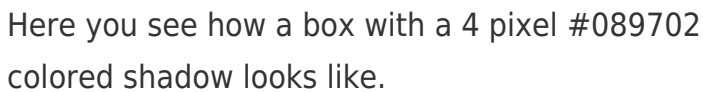
```
.border, #border, table{ border:4px solid
#089702 }
```

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

```
.border{ border-color:#089702 }
```

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

Here you see how a box with a 4 pixel #089702 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089702; -webkit-box-shadow:4px 4px  
4px 4px #089702; box-shadow:4px 4px 4px  
4px #089702 }
```

# Background

The CSS property to change the background color of an element to Hex 089702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089702 }
```

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

```
.background{ background-color:#089702 }
```

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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