

# Converting Colors

Hex(089951)

Have a look what the booklet for  
Hex(089951) contains.

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**Color**

**Hex(089951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	089951
RGB	8, 153, 81
RGB Percent	3%, 60%, 32%
CMY	0.9686, 0.4000, 0.6824
CMYK	0.95, 0.00, 0.47, 0.40
HSL	150°, 90%, 32%
HSV	150°, 95%, 60%
XYZ	12.9766, 23.4282, 11.6227
YIQ	101.4370, -63.3080, -53.1320

# Conversions

## Conversions Part 2

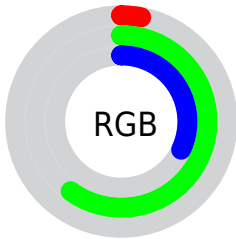
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 104, 153
Decimal	563537
CIELab	55.51, -50.78, 28.42
CIELCh	56, 58.188, 150.763
Yxy	23.4282, 0.2702, 0.4878
Android (android.graphics.Color)	4278753617 (0xFF089951)
YUV	101.4370, -10.0754, -81.9442
Hunter-Lab	48.4027, -36.8494, 19.6448

# Details

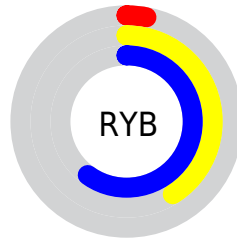
The Hex color **089951** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **990850**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **58D083**, and **006422** is the 20% darker color. If you saturate the color by 10%, you get **00994D**, and if you desaturate by 10%, it is **179959**.

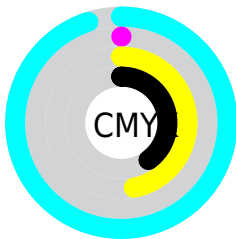
# Distribution



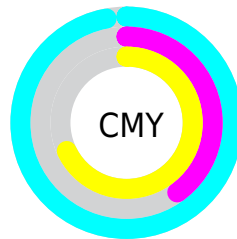
- Red (3%)
- Green (60%)
- Blue (32%)



- Red (3%)
- Yellow (41%)
- Blue (60%)



- Cyan (95%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (97%)
- Magenta (40%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 089951 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 089951 by changing the saturation by 10% instead.



 089951

 089951

FFFFFF

 007E39

 58D083

 006422

 76ED9E

 004B0A

 93FFB9

 003400

 B1FFD5


 001C00

 CEFFF1

 000000

 ECFFFF

 089951

 089951

 00994D

 179959

 279960

 369968

 45996F

 559977

 64997F

 739986

 82998E

 929995

# Harmonies

## Analogous

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



6A9124



089951



009D85

# Triad

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



089951



008AEA



DC5B54

# Complementary

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



089951



990850

# 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.



DE5386



089951



8677DC

# Square

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



089951



0097DD



C361B7



C4702A

# Rectangle

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



089951



009DA7



C361B7



DF5764



# Sweetspot

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



089951



8FC7AB



519908



426353



E3E3E3



636363



# Same Dimension

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



089951



00C764



089999



454D49



008C47



000D06



# Inverse Universe

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



990850



C70063



990808



4D4549



8C0046



0D0006



# Previews

## White Background



This preview shows how the Hex color 089951 looks on a white background.

## Color Contrast Check

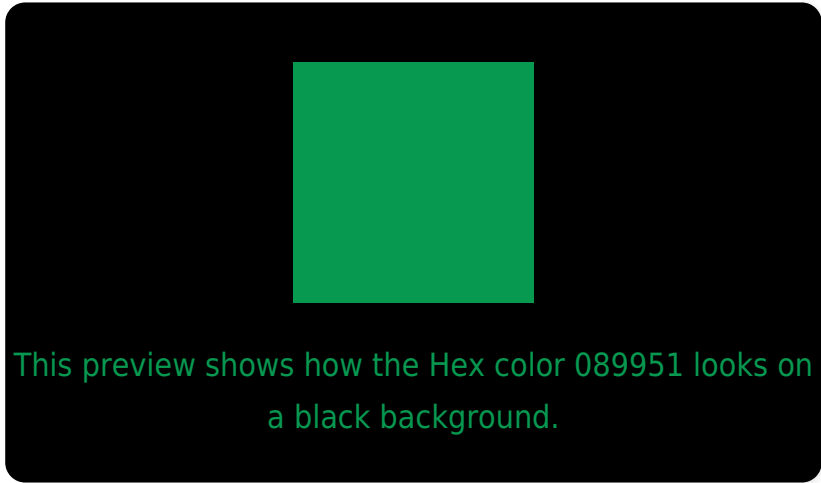
Large Text (above 18pt) WCAG AA ✓ Pass

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 089951 Background



This preview shows how black text looks on a background with the Hex color 089951.

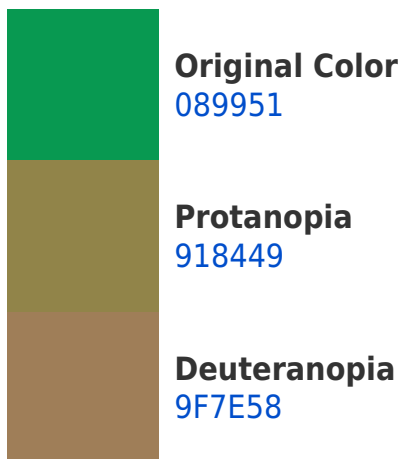


This preview shows how white text looks on a background with the Hex color 089951.

# 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





**Tritanopia**  
3A919C

# Trichromacy



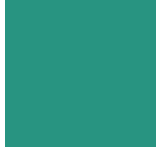
**Original Color**  
089951



**Protanomaly**  
5F8C4C



**Deuteranomaly**  
688855



**Tritanomaly**  
289481

# Monochromacy



**Original Color**  
089951



**Achromatopsia**  
656565



**Achromatomaly**  
43785E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 089951 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 #089951 looks like.

```
.text, #text, p{  
    color:#089951  
}
```

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 #089951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089951
}
```

## Border

The CSS property to change the border of an element to Hex 089951 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
#089951 }
```

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

```
.border{ border-color:#089951 }
```

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

Here you see how a box with a 4 pixel #089951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089951; -webkit-box-shadow:4px 4px  
4px 4px #089951; box-shadow:4px 4px 4px  
4px #089951 }
```

# Background

The CSS property to change the background color of an element to Hex 089951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089951 }
```

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

```
.background{ background-color:#089951 }
```

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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