

# Converting Colors

Hex(089FAA)

Have a look what the booklet for  
Hex(089FAA) contains.

<b>Hex(089FAA)</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(089FAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	089FAA
RGB	8, 159, 170
RGB Percent	3%, 62%, 67%
CMY	0.9686, 0.3765, 0.3333
CMYK	0.95, 0.06, 0.00, 0.33
HSL	184°, 91%, 35%
HSV	184°, 95%, 67%
XYZ	19.7540, 27.7502, 42.3454
YIQ	115.1050, -93.5270, -28.5910

# Conversions

## Conversions Part 2

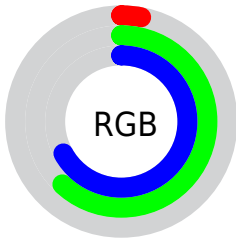
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 86, 170
Decimal	565162
CIELab	59.66, -29.96, -15.53
CIELCh	60, 33.748, 207.406
Yxy	27.7502, 0.2199, 0.3089
Android (android.graphics.Color)	4278755242 (0xFF089FAA)
YUV	115.1050, 27.0632, -93.9311
Hunter-Lab	52.6784, -25.2513, -10.7852

# Details

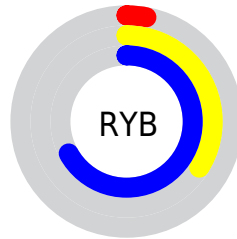
The Hex color **089FAA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA1308**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **60D6E1**, and **006B76** is the 20% darker color. If you saturate the color by 10%, you get **009EAA**, and if you desaturate by 10%, it is **19A0AA**.

# Distribution



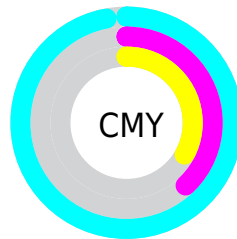
- Red (3%)
- Green (62%)
- Blue (67%)



- Red (3%)
- Yellow (34%)
- Blue (67%)



- Cyan (95%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 089FAA 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 089FAA by changing the saturation by 10% instead.



089FAA

089FAA

FFFFFF

008590

60D6E1

006B76

7FF3FE

00525D

9DFFFF

003B46

BBFFFF

00252F

D9FFFF

00011B

F8FFFF

000000

089FAA

089FAA

009EAA

19A0AA

■ 2AA1AA

■ 3BA2AA

■ 4CA4AA

■ 5DA5AA

■ 6EA6AA

■ 7FA7AA

■ 90A8AA

■ A1A9AA

# Harmonies

## Analogous

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



3B9F8C



089FAA



289BC1

# Triad

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



089FAA



B37FB0



A58D54

# Complementary

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



089FAA



AA1308

# 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.



BD835F



089FAA



C67993

# Square

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



089FAA



8F89C4



C97B76



87965A

# Rectangle

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



089FAA



4E96C9



C97B76



AE8A56



# Sweetspot

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



089FAA



9ED9DE



08AA13



496E70



F0F0F0



707070



# Same Dimension

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



089FAA



00CFDE



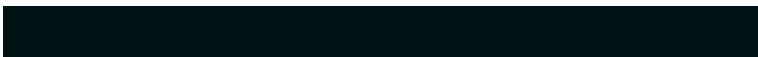
084EAA



4C5454



008A94



001314



# Inverse Universe

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



AA089F



DE00CF



AA6408



544C54



94008A



140013



# Previews

## White Background



This preview shows how the Hex color 089FAA looks on a white background.

## Color Contrast Check

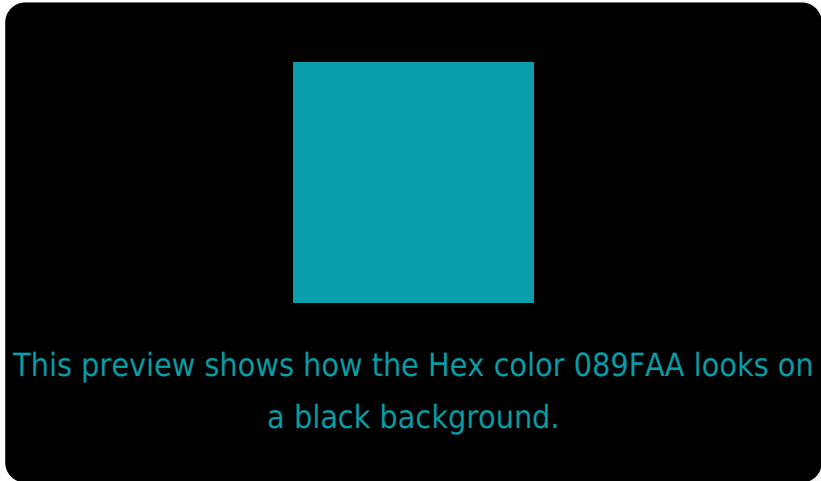
Large Text (above 18pt) WCAG AA ✓ Pass

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

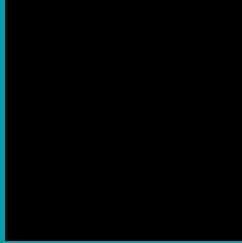
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 089FAA Background



This preview shows how black text looks on a background with the Hex color 089FAA.

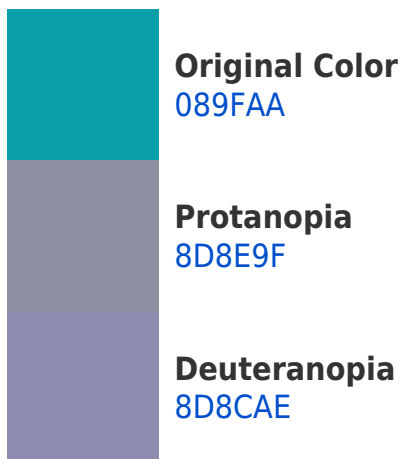


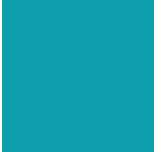
This preview shows how white text looks on a background with the Hex color 089FAA.

# 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

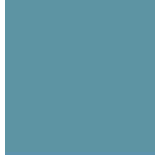




# Trichromacy



**Original Color**  
089FAA



**Protanomaly**  
5D94A3



**Deuteranomaly**  
5D93AD



**Tritanomaly**  
0C9FAB

# Monochromacy



**Original Color**  
089FAA



**Achromatopsia**  
737373



**Achromatomaly**  
4C8387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 089FAA 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 #089FAA looks like.

```
.text, #text, p{  
    color:#089FAA  
}
```

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 #089FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089FAA
}
```

## Border

The CSS property to change the border of an element to Hex 089FAA 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
#089FAA }
```

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

```
.border{ border-color:#089FAA }
```

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

Here you see how a box with a 4 pixel #089FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089FAA; -webkit-box-shadow:4px 4px  
4px 4px #089FAA; box-shadow:4px 4px 4px  
4px #089FAA }
```

# Background

The CSS property to change the background color of an element to Hex 089FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089FAA }
```

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

```
.background{ background-color:#089FAA }
```

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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