

# Converting Colors

Hex(008FAA)

Have a look what the booklet for  
Hex(008FAA) contains.

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# Color

**Hex(008FAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008FAA
RGB	0, 143, 170
RGB Percent	0%, 56%, 67%
CMY	1.0000, 0.4392, 0.3333
CMYK	1.00, 0.16, 0.00, 0.33
HSL	190°, 100%, 33%
HSV	190°, 100%, 67%
XYZ	17.0782, 22.5472, 41.4821
YIQ	103.3210, -93.8950, -21.9190

# Conversions

## Conversions Part 2

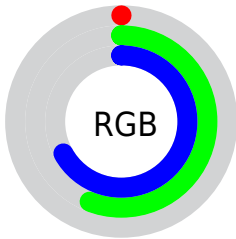
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 170
Decimal	36778
CIELab	54.60, -22.18, -23.26
CIElCh	55, 32.138, 226.361
Yxy	22.5472, 0.2106, 0.2780
Android (android.graphics.Color)	4278226858 (0xFF008FAA)
YUV	103.3210, 32.8727, -90.6125
Hunter-Lab	47.4839, -18.8971, -18.5573

# Details

The Hex color **008FAA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AA1B00**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5CC5E1**, and **005C76** is the 20% darker color. If you saturate the color by 10%, you get **008FAA**, and if you desaturate by 10%, it is **1192AA**.

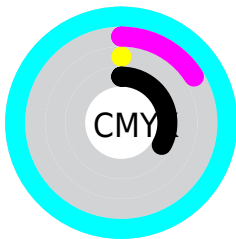
# Distribution



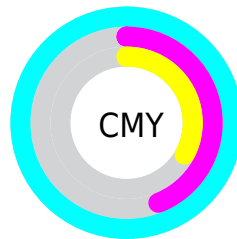
- Red (0%)
- Green (56%)
- Blue (67%)



- Red (0%)
- Yellow (31%)
- Blue (67%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008FAA 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 008FAA by changing the saturation by 10% instead.



 008FAA

 008FAA

FFFFFF

 00758F

 5CC5E1

 005C76

 7BE1FE

 00455D

 99FEFF

 002E45

 B7FFFF

 001B2F


 D5FFFF

 00011A

 F3FFFF

 000000

 008FAA

 1192AA

 2294AA

 3397AA

 449AAA

 559CAA

 669FAA

 77A2AA

 88A5AA

 99A7AA

# Harmonies

## Analogous

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



119191



008FAA



4289B8

# Triad

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



008FAA



B16E91



86864C

# Complementary

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



008FAA



AA1B00

# 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.



A07D4D



008FAA



B96D74

# Square

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



008FAA



9976A9



B2735C



668D5B

# Rectangle

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



008FAA



6483BA



B2735C



8F834B



# Sweetspot

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



008FAA



9BD3DE



00AA19



486A70



F0F0F0



707070



# Same Dimension

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



008FAA



00BBDE



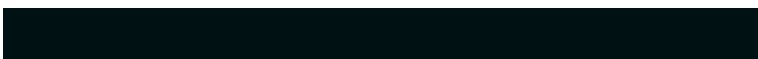
003CAA



4C5354



007C94



001114



# Inverse Universe

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



AA008F



DE00BB



AA6E00



544C53



94007C



140011



# Previews

## White Background



This preview shows how the Hex color 008FAA looks on a white background.

## Color Contrast Check

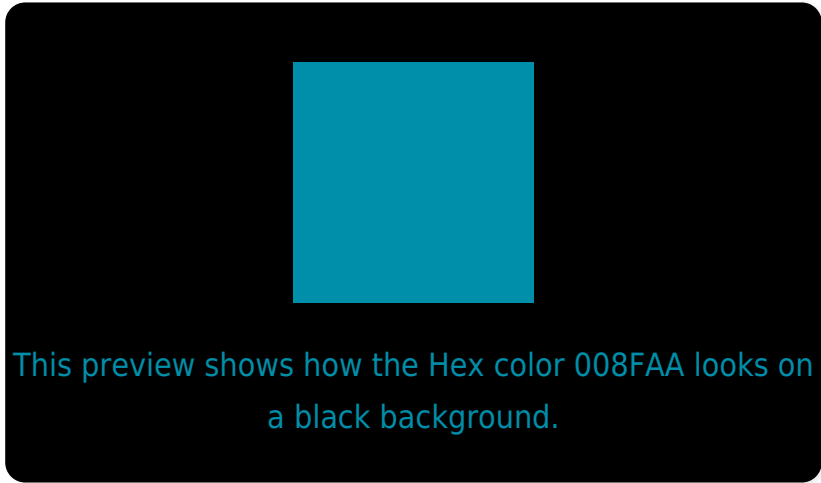
Large Text (above 18pt) WCAG AA ✓ Pass

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

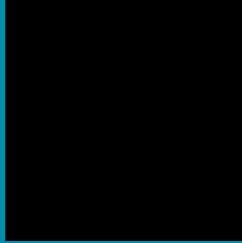
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008FAA Background



This preview shows how black text looks on a background with the Hex color 008FAA.

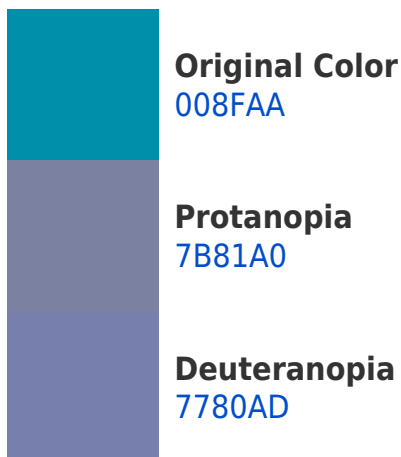


This preview shows how white text looks on a background with the Hex color 008FAA.

# 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



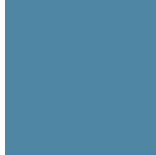


**Tritanopia**  
00919C

# Trichromacy



**Original Color**  
008FAA



**Protanomaly**  
4E86A4



**Deuteranomaly**  
4C85AC



**Tritanomaly**  
0090A1

# Monochromacy



**Original Color**  
008FAA



**Achromatopsia**  
676767



**Achromatomaly**  
42767F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008FAA 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 #008FAA looks like.

```
.text, #text, p{  
    color:#008FAA  
}
```

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 #008FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008FAA
}
```

## Border

The CSS property to change the border of an element to Hex 008FAA 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
#008FAA }
```

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

```
.border{ border-color:#008FAA }
```

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

Here you see how a box with a 4 pixel #008FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008FAA; -webkit-box-shadow:4px 4px  
4px 4px #008FAA; box-shadow:4px 4px 4px  
4px #008FAA }
```

# Background

The CSS property to change the background color of an element to Hex 008FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008FAA }
```

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

```
.background{ background-color:#008FAA }
```

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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