

Converting Colors

Hex(008FAF)

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

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Color

Hex(008FAF)

Conversions

Conversions Part 1

Format	Color
Hex	008FAF
RGB	0, 143, 175
RGB Percent	0%, 56%, 69%
CMY	1.0000, 0.4392, 0.3137
CMYK	1.00, 0.18, 0.00, 0.31
HSL	191°, 100%, 34%
HSV	191°, 100%, 69%
XYZ	17.5603, 22.7401, 44.0212
YIQ	103.8910, -95.5000, -20.3640

Conversions

Conversions Part 2

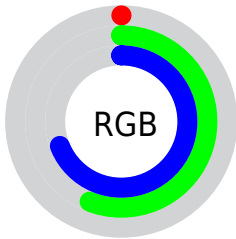
Format	Color
RYB	0, 79, 175
Decimal	36783
CIELab	54.80, -20.41, -25.81
CIElCh	55, 32.908, 231.662
Yxy	22.7401, 0.2083, 0.2697
Android (android.graphics.Color)	4278226863 (0xFF008FAF)
YUV	103.8910, 35.0567, -91.1124
Hunter-Lab	47.6865, -17.7198, -21.3522

Details

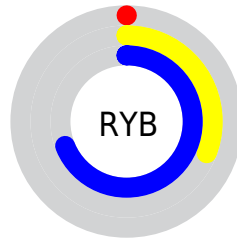
The Hex color **008FAF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF2000**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5DC5E7**, and **005C7A** is the 20% darker color. If you saturate the color by 10%, you get **008FAF**, and if you desaturate by 10%, it is **1192AF**.

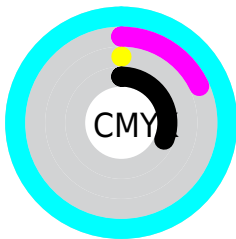
Distribution



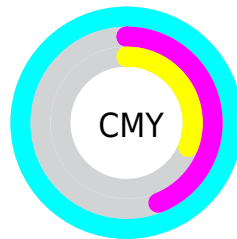
- Red (0%)
- Green (56%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)




- Cyan (100%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 008FAF

 008FAF

FFFFFF

 007594


 5DC5E7

 005C7A

 7CE1FF

 004561

 9AFEFF

 002E49

 B8FFFF

 001B33

 D6FFFF

 00021D

 F4FFFF

 000000

 008FAF

 1192AF

 2395AF

 3599AF

 469CAF

 589FAF

 69A2AF

 7AA5AF

 8CA9AF

 9EACAF

Harmonies

Analogous

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



009297



008FAF



4A88BB

Triad

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



008FAF



B56D8C



81884D

Complementary

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



008FAF



AF2000

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.



9D7F4A



008FAF



BA6E70

Square

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



008FAF



9F74A7



B17558



608E5F

Rectangle

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



008FAF



6B82BB



B17558



8B854A

Sweetspot

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



008FAF



9FD7E3



00AF1D



496B73



F2F2F2



737373

Same Dimension

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



008FAF



00B9E3



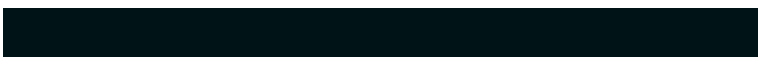
003AAF



4E5557



007B96



001317

Inverse Universe

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



AF008F



E300B9



AF7500



574E55



96007B



170013

Previews

White Background



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

Color Contrast Check

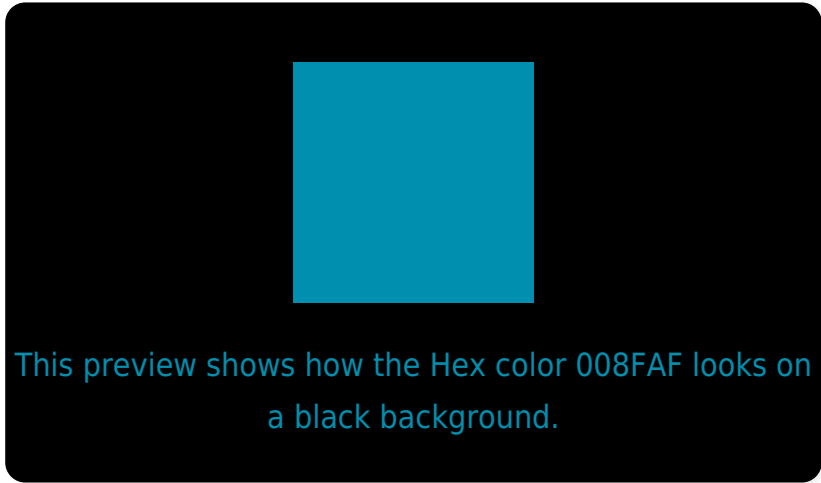
Large Text (above 18pt) WCAG AA ✓ Pass

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

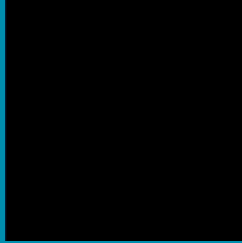
Any Text WCAG AA ✓ Pass

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 008FAF Background



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



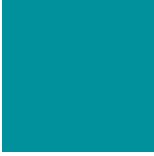
This preview shows how white text looks on a background with the Hex color 008FAF.

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
00919D

Trichromacy



Original Color
008FAF



Protanomaly
4E86A9



Deuteranomaly
4A86B1



Tritanomaly
0090A4

Monochromacy



Original Color
008FAF



Achromatopsia
686868



Achromatomaly
427682

CSS Examples

Text

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

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

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 #008FAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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