

# Converting Colors

Hex(008FA3)

Have a look what the booklet for  
Hex(008FA3) contains.

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**Color**

**Hex(008FA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008FA3
RGB	0, 143, 163
RGB Percent	0%, 56%, 64%
CMY	1.0000, 0.4392, 0.3608
CMYK	1.00, 0.12, 0.00, 0.36
HSL	187°, 100%, 32%
HSV	187°, 100%, 64%
XYZ	16.4333, 22.2893, 38.0865
YIQ	102.5230, -91.6480, -24.0960

# Conversions

## Conversions Part 2

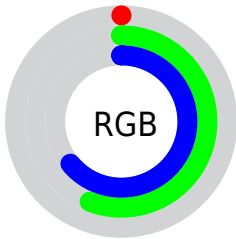
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 163
Decimal	36771
CIELab	54.33, -24.61, -19.66
CIElCh	54, 31.496, 218.613
Yxy	22.2893, 0.2140, 0.2902
Android (android.graphics.Color)	4278226851 (0xFF008FA3)
YUV	102.5230, 29.8152, -89.9127
Hunter-Lab	47.2115, -20.4881, -14.7824

# Details

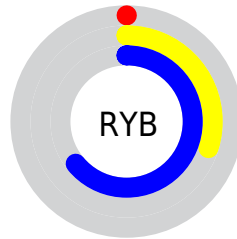
The Hex color **008FA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A31400**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BC5DA**, and **005C6F** is the 20% darker color. If you saturate the color by 10%, you get **008FA3**, and if you desaturate by 10%, it is **1091A3**.

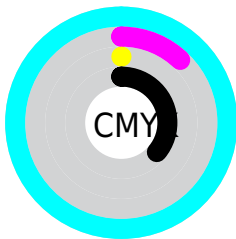
# Distribution



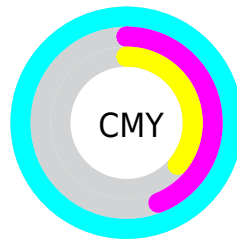
- Red (0%)
- Green (56%)
- Blue (64%)



- Red (0%)
- Yellow (30%)
- Blue (64%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008FA3 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 008FA3 by changing the saturation by 10% instead.



 008FA3

 008FA3

FFFFFF

 007589

 5BC5DA

 005C6F

 79E1F6

 004457

 97FEFF

 002E3F

 B5FFFF

 001929

 D3FFFF

 000115

 F1FFFF

 000000

 008FA3

 1091A3

 2193A3

 3195A3

 4197A3

 5299A3

 629BA3

 729DA3

 829FA3

 93A1A3

# Harmonies

## Analogous

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



249189



008FA3



368AB4

# Triad

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



008FA3



AA7096



8C834B

# Complementary

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



008FA3



A31400

# 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.



A47A50



008FA3



B66D7B

# Square

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



008FA3



8F78AD



B47161



6F8A56

# Rectangle

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



008FA3



5885B8



B47161



95804B



# Sweetspot

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



008FA3



94CCD4



00A313



45666B



EBEBEB



6B6B6B



# Same Dimension

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



008FA3



00BAD4



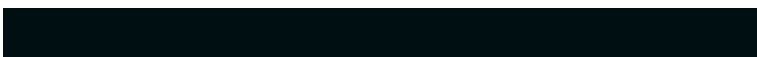
003EA3



495152



008091



001012



# Inverse Universe

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



A3008F



D400BA



A36500



524951



910080



120010



# Previews

## White Background



This preview shows how the Hex color 008FA3 looks on a white background.

## Color Contrast Check

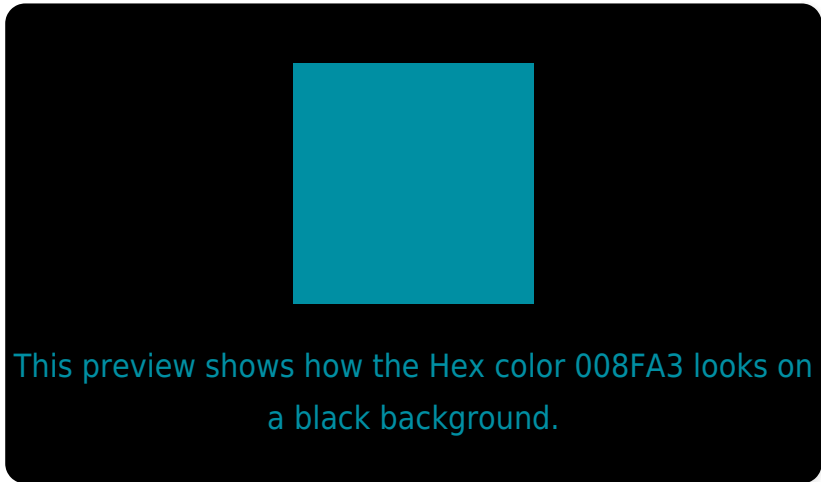
Large Text (above 18pt) WCAG AA ✓ Pass

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

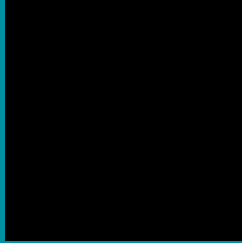
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008FA3 Background



This preview shows how black text looks on a background with the Hex color 008FA3.

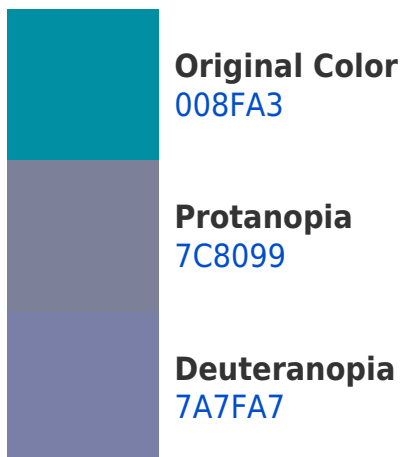


This preview shows how white text looks on a background with the Hex color 008FA3.

# 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**  
00909B

# Trichromacy



**Original Color**  
008FA3



**Protanomaly**  
4F859D



**Deuteranomaly**  
4E85A6



**Tritanomaly**  
00909E

# Monochromacy



**Original Color**  
008FA3



**Achromatopsia**  
676767



**Achromatomaly**  
42767D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008FA3 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 #008FA3 looks like.

```
.text, #text, p{  
    color:#008FA3  
}
```

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 #008FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008FA3
}
```

## Border

The CSS property to change the border of an element to Hex 008FA3 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
#008FA3 }
```

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

```
.border{ border-color:#008FA3 }
```

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

Here you see how a box with a 4 pixel #008FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008FA3; -webkit-box-shadow:4px 4px  
4px 4px #008FA3; box-shadow:4px 4px 4px  
4px #008FA3 }
```

# Background

The CSS property to change the background color of an element to Hex 008FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008FA3 }
```

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

```
.background{ background-color:#008FA3 }
```

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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