

# Converting Colors

Hex(8DA6AF)

Have a look what the booklet for  
Hex(8DA6AF) contains.

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# **Color**

**Hex(8DA6AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DA6AF
RGB	141, 166, 175
RGB Percent	55%, 65%, 69%
CMY	0.4471, 0.3490, 0.3137
CMYK	0.19, 0.05, 0.00, 0.31
HSL	196°, 18%, 62%
HSV	196°, 19%, 69%
XYZ	32.3586, 36.0303, 45.8065
YIQ	159.5510, -17.7890, -2.5010

# Conversions

## Conversions Part 2

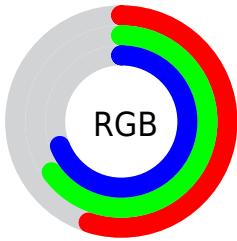
Format	Color
<a href="#">RYB</a>	<a href="#">141, 155, 175</a>
Decimal	<a href="#">9283247</a>
CIELab	<a href="#">66.54, -6.66, -7.54</a>
CIElCh	<a href="#">67, 10.063, 228.566</a>
Yxy	<a href="#">36.0303, 0.2834, 0.3155</a>
Android (android.graphics.Color)	<a href="#">4287473327 (0xFF8DA6AF)</a>
YUV	<a href="#">159.5510, 7.6164, -16.2692</a>
Hunter-Lab	<a href="#">60.0252, -8.8179, -3.2278</a>

# Details

The Hex color **8DA6AF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AF968D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C3DDE7**, and **5A727B** is the 20% darker color. If you saturate the color by 10%, you get **7CA1AF**, and if you desaturate by 10%, it is **9FABAF**.

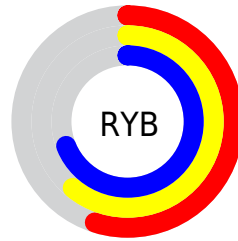
# Distribution



Red (55%)

Green (65%)

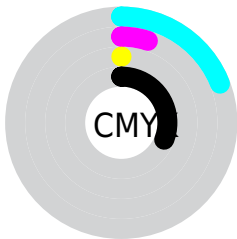
Blue (69%)



Red (55%)

Yellow (61%)

Blue (69%)

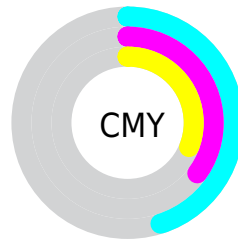


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (35%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA6AF 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 8DA6AF by changing the saturation by 10% instead.





8DA6AF



8DA6AF

FFFFFF



738C94



C3DDE7



5A727B



DFFAFF



425A62



FCFFFF



2B424A



152C33



00181E



000004



000000



8DA6AF



8DA6AF

7CA1AF

9FABAF

6A9DAF

B0AFAF

5998AF

C2B4AF

4793AF

D3B9AF

368FAF

E5BDAF

248AAF

F6C2AF

1386AF

FFC6AF

0181AF

FFCBAF

0081AF

FFD0AF

# Harmonies

## Analogous

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



8BA7A7



8DA6AF



94A4B3

# Triad

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



8DA6AF



B29CA6



A3A391

# Complementary

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



8DA6AF



AF968D

# 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.



ADA090



8DA6AF



B59C9C

# Square

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



8DA6AF



AA9EAE



B39D95



99A696

# Rectangle

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



8DA6AF



9CA2B4



B39D95



A7A290



# Sweetspot

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



8DA6AF



D5DFE3



8DAF96



6B7173



F2F2F2



737373



# Same Dimension

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



8DA6AF



AFD5E3



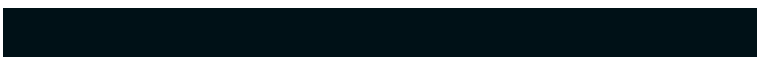
8D96AF



4E5457



006F96



001117



# Inverse Universe

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



AF8DA6



E3AFD5



AFA78D



574E54



96006F



170011



# Previews

## White Background



This preview shows how the Hex color 8DA6AF looks on a white background.

## Color Contrast Check

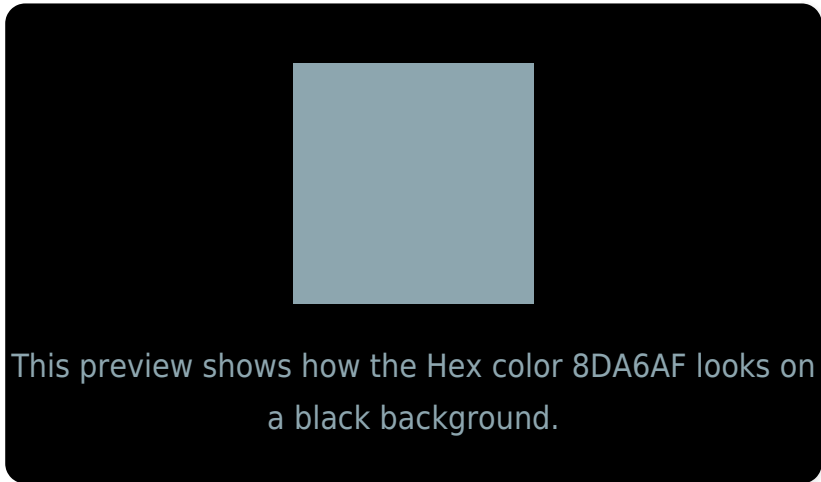
Large Text (above 18pt) WCAG AA × Fail

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

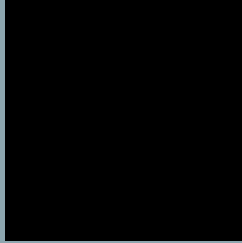
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

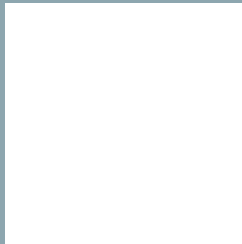
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DA6AF Background



This preview shows how black text looks on a background with the Hex color 8DA6AF.



This preview shows how white text looks on a background with the Hex color 8DA6AF.

# 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



**Original Color**  
8DA6AF

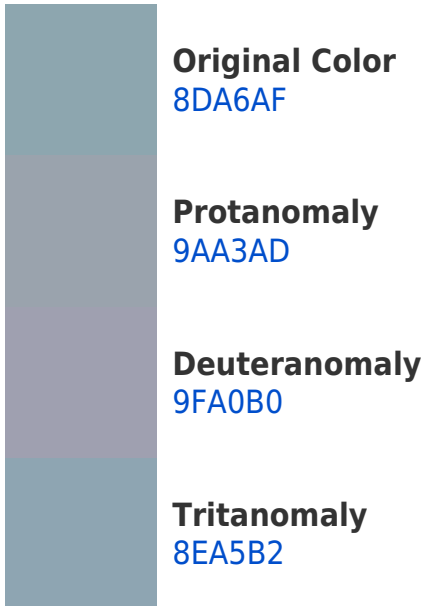
**Protanopia**  
A1A1AC

**Deuteranopia**  
AA9DB1

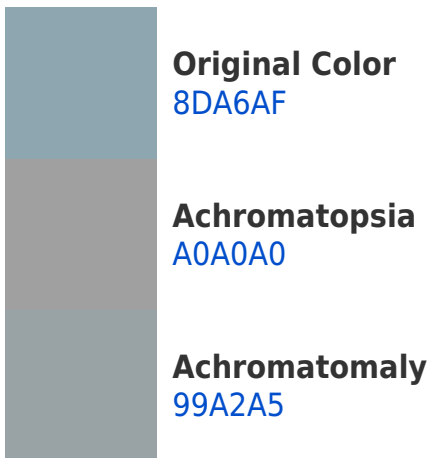


**Tritanopia**  
8EA5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA6AF 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 #8DA6AF looks like.

```
.text, #text, p{  
    color:#8DA6AF  
}
```

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 #8DA6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA6AF
}
```

## Border

The CSS property to change the border of an element to Hex 8DA6AF 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
#8DA6AF }
```

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

```
.border{ border-color:#8DA6AF }
```

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

Here you see how a box with a 4 pixel #8DA6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA6AF; -webkit-box-shadow:4px 4px  
4px 4px #8DA6AF; box-shadow:4px 4px 4px  
4px #8DA6AF }
```

# Background

The CSS property to change the background color of an element to Hex 8DA6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA6AF }
```

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

```
.background{ background-color:#8DA6AF }
```

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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