

# Converting Colors

Hex(7AAFA8)

Have a look what the booklet for  
Hex(7AAFA8) contains.

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# **Color**

**Hex(7AAFA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAFA8
RGB	122, 175, 168
RGB Percent	48%, 69%, 66%
CMY	0.5216, 0.3137, 0.3412
CMYK	0.30, 0.00, 0.04, 0.31
HSL	172°, 25%, 58%
HSV	172°, 30%, 69%
XYZ	30.4239, 37.6247, 42.7046
YIQ	158.3550, -29.3410, -13.4130

# Conversions

## Conversions Part 2

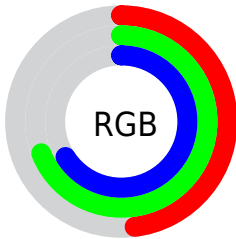
Format	Color
<a href="#">RYB</a>	<a href="#">122, 150, 175</a>
Decimal	<a href="#">8040360</a>
CIELab	<a href="#">67.74, -18.93, -2.01</a>
CIELCh	<a href="#">68, 19.040, 186.070</a>
Yxy	<a href="#">37.6247, 0.2747, 0.3397</a>
Android (android.graphics.Color)	<a href="#">4286230440 (0xFF7AAFA8)</a>
YUV	<a href="#">158.3550, 4.7550, -31.8833</a>
Hunter-Lab	<a href="#">61.3390, -18.8078, 1.6592</a>

# Details

The Hex color **7AAFA8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF7A81**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B0E7DF**, and **477A74** is the 20% darker color. If you saturate the color by 10%, you get **69AFA6**, and if you desaturate by 10%, it is **8CAFAA**.

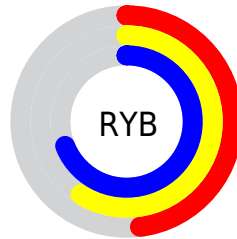
# Distribution



Red (48%)

Green (69%)

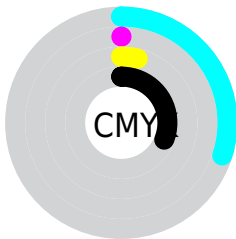
Blue (66%)



Red (48%)

Yellow (59%)

Blue (69%)

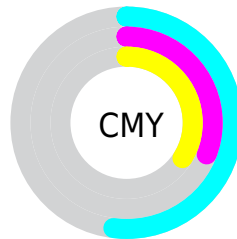


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (31%)



Cyan (52%)

Magenta (31%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AAFA8 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 7AAFA8 by changing the saturation by 10% instead.





7AAFA8



7AAFA8

FFFFFF



60948E



B0E7DF



477A74



CCFFFC



2D615C



E8FFFF



134944



00322E



001E19



000000



7AAFA8



7AAFA8



69AFA6



8CAFAA

57AFA3

9DAFAD

46AFA1

AFAFAF

34AF9F

C0AFB1

23AF9C

D2AFB4

11AF9A

E3AFB6

00AF98

F5AFB8

FFAFBA

FFAFBD

# Harmonies

## Analogous

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



88AE97



7AAFA8



77AEB9

# Triad

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



7AAFA8



AC9FC1



BE9F86

# Complementary

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



7AAFA8



AF7A81

# 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.



C89B92



7AAFA8



BE9BB3

# Square

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



7AAFA8



96A5C7



C899A2



AFA583

# Rectangle

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



7AAFA8



7CACCC1



C899A2



C29E89



# Sweetspot

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



7AAFA8



CFE3E0



81AF7A



667371



F2F2F2



737373



# Same Dimension

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



7AAFA8



91E3D8



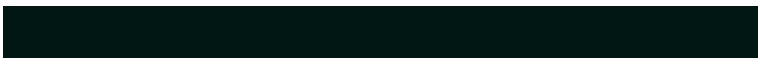
7A9CAF



4E5756



009683



001714



# Inverse Universe

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



AF7A81



E3919C



AF8D7A



574E4F



960014

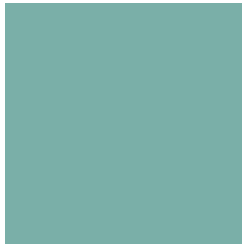


170003



# Previews

## White Background



This preview shows how the Hex color 7AAFA8 looks on a white background.

## Color Contrast Check

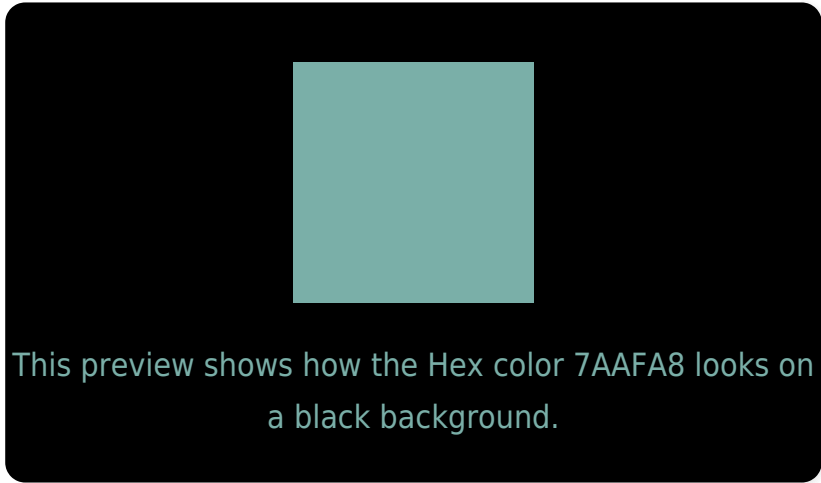
Large Text (above 18pt) WCAG AA × Fail

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

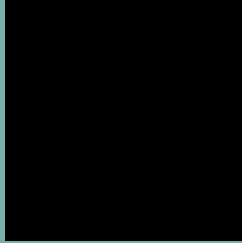
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AAFA8 Background



This preview shows how black text looks on a background with the Hex color 7AAFA8.

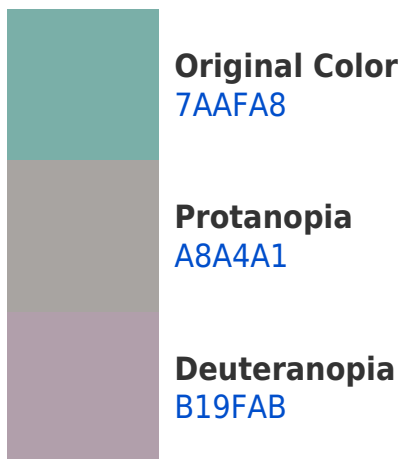


This preview shows how white text looks on a background with the Hex color 7AAFA8.

# Color Blindness Simulation

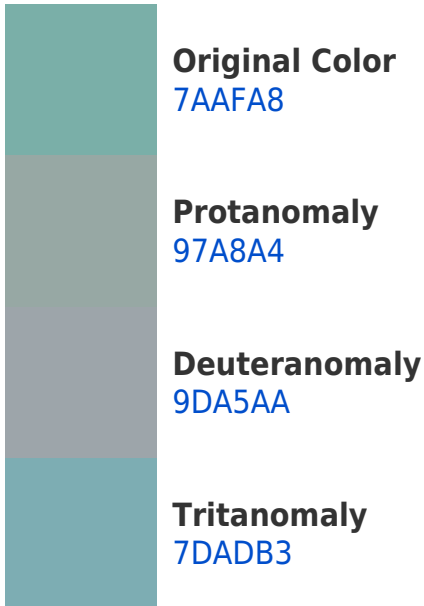
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

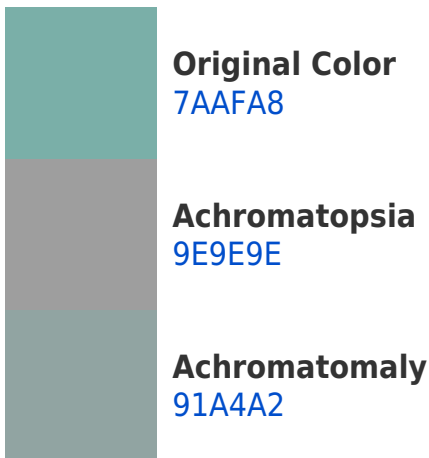




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AAFA8 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 #7AAFA8 looks like.

```
.text, #text, p{  
    color:#7AAFA8  
}
```

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 #7AAFA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAFA8
}
```

## Border

The CSS property to change the border of an element to Hex 7AAFA8 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
#7AAFA8 }
```

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

```
.border{ border-color:#7AAFA8 }
```

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

Here you see how a box with a 4 pixel #7AAFA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAFA8; -webkit-box-shadow:4px 4px  
4px 4px #7AAFA8; box-shadow:4px 4px 4px  
4px #7AAFA8 }
```

# Background

The CSS property to change the background color of an element to Hex 7AAFA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAFA8 }
```

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

```
.background{ background-color:#7AAFA8 }
```

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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