

# Converting Colors

Hex(6FAF9F)

Have a look what the booklet for  
Hex(6FAF9F) contains.

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# **Color**

**Hex(6FAF9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FAF9F
RGB	111, 175, 159
RGB Percent	44%, 69%, 62%
CMY	0.5647, 0.3137, 0.3765
CMYK	0.37, 0.00, 0.09, 0.31
HSL	165°, 29%, 56%
HSV	165°, 37%, 69%
XYZ	28.1435, 36.5427, 38.3710
YIQ	154.0400, -33.0080, -18.5440

# Conversions

## Conversions Part 2

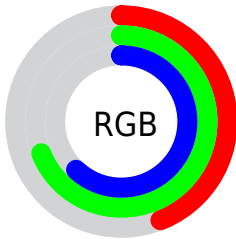
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 148, 175
Decimal	7319455
CIELab	66.93, -24.21, 1.72
CIElCh	67, 24.268, 175.939
Yxy	36.5427, 0.2731, 0.3546
Android (android.graphics.Color)	4285509535 (0xFF6FAF9F)
YUV	154.0400, 2.4453, -37.7461
Hunter-Lab	60.4505, -22.6854, 4.6810

# Details

The Hex color **6FAF9F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF6F7F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A5E7D6**, and **3B7A6C** is the 20% darker color. If you saturate the color by 10%, you get **5EAF9B**, and if you desaturate by 10%, it is **81AFA3**.

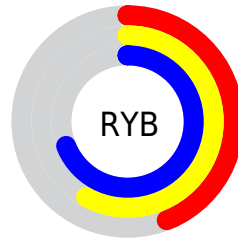
# Distribution



Red (44%)

Green (69%)

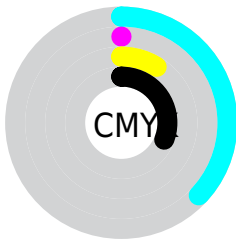
Blue (62%)



Red (44%)

Yellow (58%)

Blue (69%)

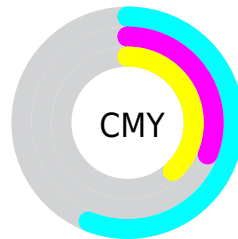


Cyan (37%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FAF9F 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 6FAF9F by changing the saturation by 10% instead.





6FAF9F



6FAF9F

FFFFFF



559485



A5E7D6



3B7A6C



C1FFF2



206153



DDFFFF



00493C



FAFFFF



003227



001F12



000000



6FAF9F



6FAF9F



5EAF9B



81AFA3

 4CAF96

 92AFA8

 3BAF92

 A3AFAC

 29AF8E

 B5AFB1

 18AF89

 C7AFB5

 06AF85

 D8AFB9

 00AF83

 EAAFBE

 FBAFC2

 FFAFC6

# Harmonies

## Analogous

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



86AC8A



6FAF9F



63AFB5

# Triad

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



6FAF9F



A29ECA



C7997F

# Complementary

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



6FAF9F



AF6F7F

# 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.



CF9491



6FAF9F



BC97BC

# Square

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



6FAF9F



84A6CE



CC93A7



B6A078

# Rectangle

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



6FAF9F



66ADC1



CC93A7



CB9784



# Sweetspot

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



6FAF9F



CAE3DD



7FAF6F



64736F



F2F2F2



737373



# Same Dimension

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



6FAF9F



7FE3CA



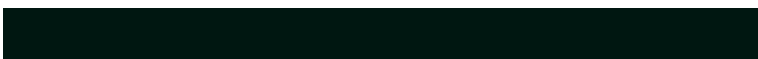
6F9FAF



4E5755



009671



001711



# Inverse Universe

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



AF6F7F



E37F98



AF7F6F



574E50



960026

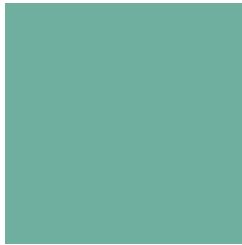


170006



# Previews

## White Background



This preview shows how the Hex color 6FAF9F looks on a white background.

## Color Contrast Check

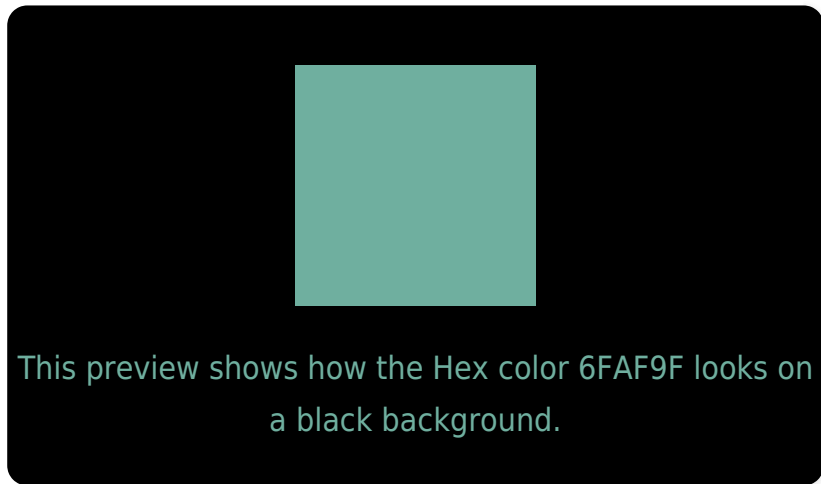
Large Text (above 18pt) WCAG AA × Fail

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

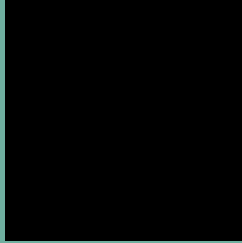
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FAF9F Background



This preview shows how black text looks on a background with the Hex color 6FAF9F.

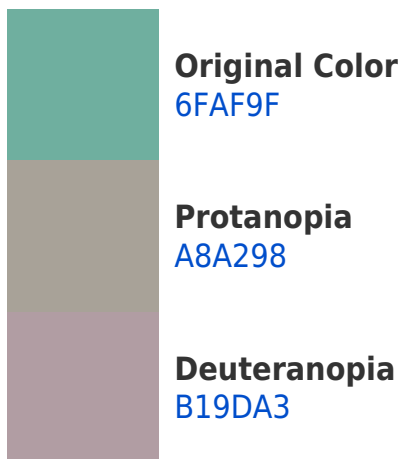


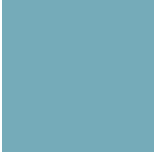
This preview shows how white text looks on a background with the Hex color 6FAF9F.

# 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](#).

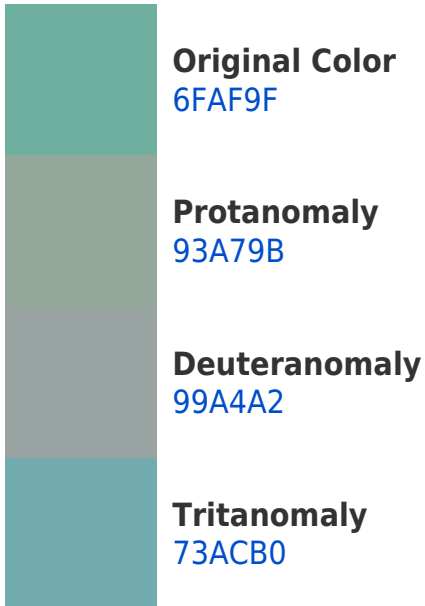
## Dichromacy



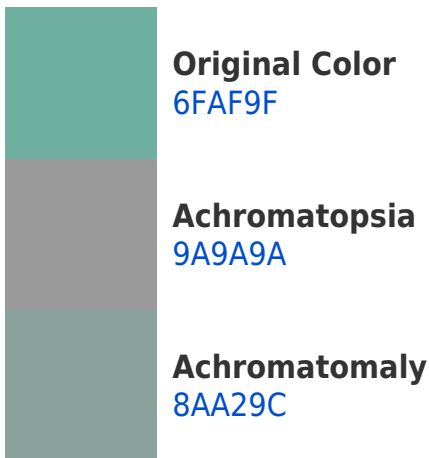


**Tritanopia**  
75ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FAF9F 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 #6FAF9F looks like.

```
.text, #text, p{  
    color:#6FAF9F  
}
```

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 #6FAF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FAF9F
}
```

## Border

The CSS property to change the border of an element to Hex 6FAF9F 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
#6FAF9F }
```

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

```
.border{ border-color:#6FAF9F }
```

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

Here you see how a box with a 4 pixel #6FAF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FAF9F; -webkit-box-shadow:4px 4px  
4px 4px #6FAF9F; box-shadow:4px 4px 4px  
4px #6FAF9F }
```

# Background

The CSS property to change the background color of an element to Hex 6FAF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FAF9F }
```

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

```
.background{ background-color:#6FAF9F }
```

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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