

# Converting Colors

Hex(6AF9A3)

Have a look what the booklet for  
Hex(6AF9A3) contains.

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# **Color**

**Hex(6AF9A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AF9A3
RGB	106, 249, 163
RGB Percent	42%, 98%, 64%
CMY	0.5843, 0.0235, 0.3608
CMYK	0.57, 0.00, 0.35, 0.02
HSL	144°, 92%, 70%
HSV	144°, 57%, 98%
XYZ	46.4304, 73.4599, 46.3824
YIQ	196.4390, -57.6220, -57.0620

# Conversions

## Conversions Part 2

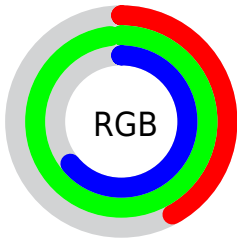
Format	Color
<a href="#">RYB</a>	<a href="#">106, 208, 249</a>
Decimal	<a href="#">7010723</a>
CIELab	<a href="#">88.67, -57.37, 29.97</a>
CIElCh	<a href="#">89, 64.724, 152.412</a>
Yxy	<a href="#">73.4599, 0.2792, 0.4418</a>
Android (android.graphics.Color)	<a href="#">4285200803 (0xFF6AF9A3)</a>
YUV	<a href="#">196.4390, -16.4854, -79.3150</a>
Hunter-Lab	<a href="#">85.7087, -53.2927, 27.9106</a>

# Details

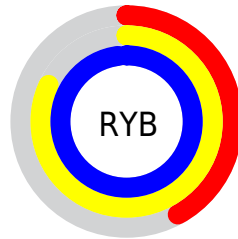
The Hex color **6AF9A3** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F96AC0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A7FFDA**, and **1FBF6F** is the 20% darker color. If you saturate the color by 10%, you get **51F994**, and if you desaturate by 10%, it is **83F9B2**.

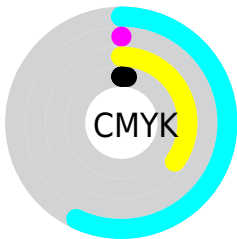
# Distribution



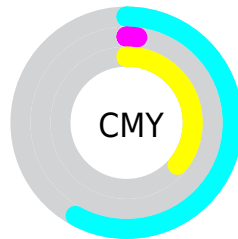
- Red (42%)
- Green (98%)
- Blue (64%)



- Red (42%)
- Yellow (82%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AF9A3 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 6AF9A3 by changing the saturation by 10% instead.



 6AF9A3

FFFFFF

 A7FFDA

 C5FFF7

 E4FFFF

 6AF9A3

 49DC88

 1FBF6F

 00A456

 00883D

 006E26

 00540E

 003C00

 002400

 000000

 6AF9A3

 6AF9A3

 51F994

 83F9B2

 38F985

 9CF9C1

 1FF976

 B5F9D0

 06F967

 CEF9DF

 00F963

 E6F9EE

 FFF9FD

 FFF9FF

# Harmonies

## Analogous

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



BEEE72



6AF9A3



00FEE2

# Triad

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



6AF9A3



74E4FF



FFB1A0

# Complementary

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



6AF9A3



F96AC0

# 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.



FFA9DC



6AF9A3



E9CCFF

# Square

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



6AF9A3



00F4FF



FFB5FF



FFC771

# Rectangle

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



6AF9A3



00DFFF



FFB5FF



FFADB3

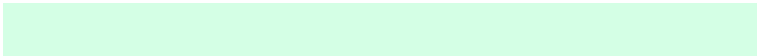


# Sweetspot

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



6AF9A3



D4FFE5



C2F96A



668070



000000



808080



# Same Dimension

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



6AF9A3



4FFF95



6AF9E8



707D75



00BD4B



003D18



# Inverse Universe

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



F96AC0



FF4FB9



F96A7B



7D7078



BD0071

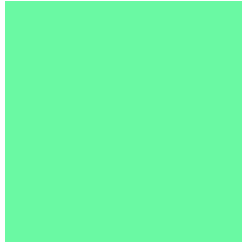


3D0025



# Previews

## White Background



This preview shows how the Hex color 6AF9A3 looks on a white background.

## Color Contrast Check

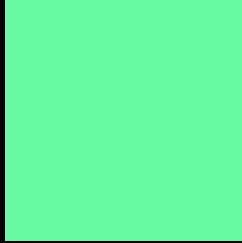
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6AF9A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

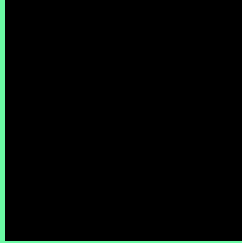
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AF9A3 Background



This preview shows how black text looks on a background with the Hex color 6AF9A3.

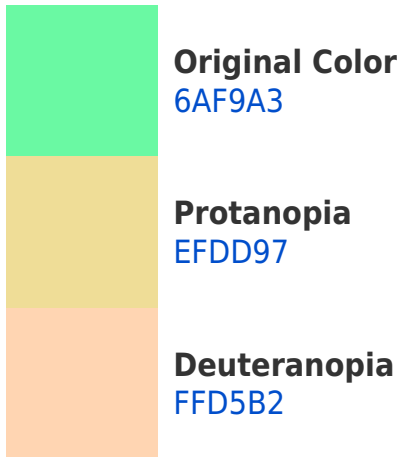


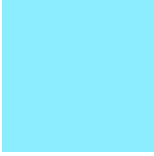
This preview shows how white text looks on a background with the Hex color 6AF9A3.

# 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**  
8BEDFF

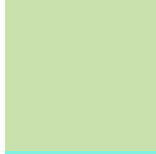
# Trichromacy



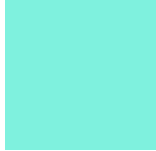
**Original Color**  
6AF9A3



**Protanomaly**  
BFE79B



**Deuteranomaly**  
C9E2AD



**Tritanomaly**  
7FF1DE

# Monochromacy



**Original Color**  
6AF9A3



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A3D7B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AF9A3 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 #6AF9A3 looks like.

```
.text, #text, p{  
    color:#6AF9A3  
}
```

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 #6AF9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF9A3
}
```

## Border

The CSS property to change the border of an element to Hex 6AF9A3 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
#6AF9A3 }
```

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

```
.border{ border-color:#6AF9A3 }
```

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

Here you see how a box with a 4 pixel #6AF9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF9A3; -webkit-box-shadow:4px 4px  
4px 4px #6AF9A3; box-shadow:4px 4px 4px  
4px #6AF9A3 }
```

# Background

The CSS property to change the background color of an element to Hex 6AF9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF9A3 }
```

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

```
.background{ background-color:#6AF9A3 }
```

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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