

# Converting Colors

Hex(96FA99)

Have a look what the booklet for  
Hex(96FA99) contains.

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**Color**

**Hex(96FA99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96FA99
RGB	150, 250, 153
RGB Percent	59%, 98%, 60%
CMY	0.4118, 0.0196, 0.4000
CMYK	0.40, 0.00, 0.39, 0.02
HSL	122°, 91%, 78%
HSV	122°, 40%, 98%
XYZ	52.5131, 77.1552, 42.2617
YIQ	209.0420, -28.4630, -51.3670

# Conversions

## Conversions Part 2

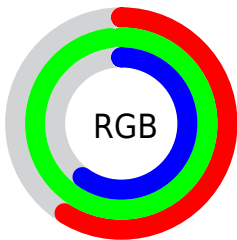
Format	Color
<a href="#">RYB</a>	<a href="#">150, 247, 250</a>
Decimal	<a href="#">9894553</a>
CIELab	<a href="#">90.39, -48.31, 37.55</a>
CIElCh	<a href="#">90, 61.186, 142.147</a>
Yxy	<a href="#">77.1552, 0.3054, 0.4488</a>
Android (android.graphics.Color)	<a href="#">4288084633 (0xFF96FA99)</a>
YUV	<a href="#">209.0420, -27.6287, -51.7798</a>
Hunter-Lab	<a href="#">87.8380, -47.0021, 32.9603</a>

# Details

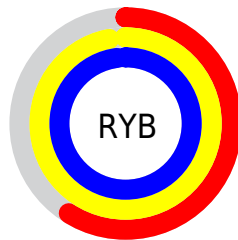
The Hex color **96FA99** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FA96F7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D0FFD0**, and **5DC165** is the 20% darker color. If you saturate the color by 10%, you get **7DFA81**, and if you desaturate by 10%, it is **AFFAB1**.

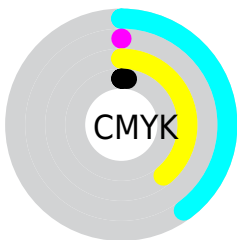
# Distribution



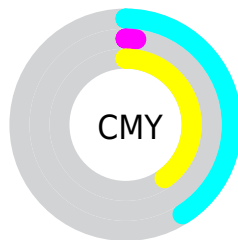
- Red (59%)
- Green (98%)
- Blue (60%)



- Red (59%)
- Yellow (97%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)



- Cyan (41%)
- Magenta (2%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96FA99 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 96FA99 by changing the saturation by 10% instead.



 96FA99

FFFFFF

 D0FFD0

 EDF FED

 96FA99

 7ADD7E

 5DC165

 40A54B

 1D8A33

 00701A

 005700

 003E00

 002900

 000300

 96FA99

 96FA99

 7DFA81

 AFFAB1

 64FA68

 C8FAC9

 4BFA50

 E1FAE2

 32FA38

 FAFAFA

 19FA20

 FFFAFF

 00FA07

# Harmonies

## Analogous

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



DBED73



96FA99



0AFFD2

# Triad

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



96FA99



4EEEFF



FFB5BA

# Complementary

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



96FA99



FA96F7

# 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.



FFB4F5



96FA99



D0DAFF

# Square

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



96FA99



00FBFF



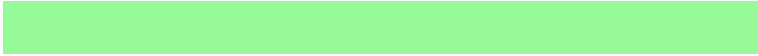
FFC3FF



FFC589

# Rectangle

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



96FA99



00FFFA



FFC3FF



FFB3CE

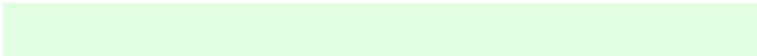


# Sweetspot

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



96FA99



E0FFE1



F8FA96



6E806E



000000



808080



# Same Dimension

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



96FA99



85FF88



96FACA



707D71



00BD06



003D02



# Inverse Universe

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



FA96F7



FF85FB



FA96C6



7D707D



BD00B7

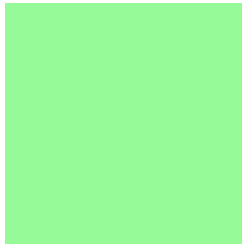


3D003B



# Previews

## White Background



This preview shows how the Hex color 96FA99 looks on a white background.

## Color Contrast Check

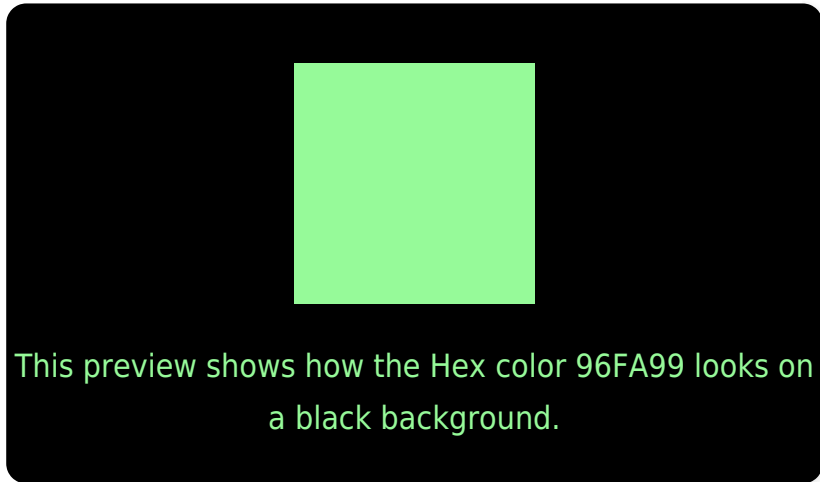
Large Text (above 18pt) WCAG AA × Fail

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

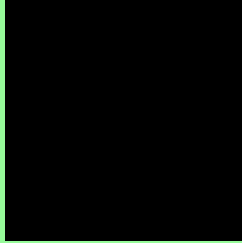
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

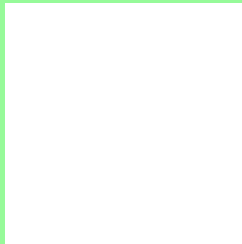
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96FA99 Background



This preview shows how black text looks on a background with the Hex color 96FA99.

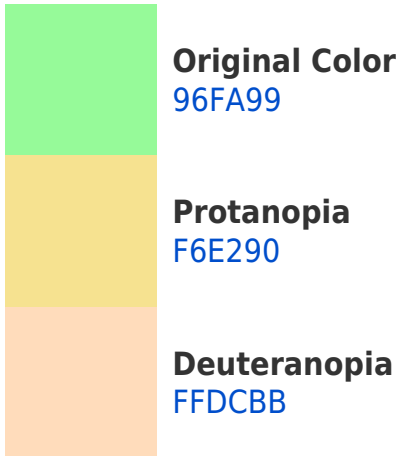


This preview shows how white text looks on a background with the Hex color 96FA99.

# 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



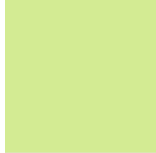


**Tritanopia**  
AEEDFF

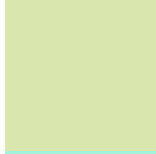
# Trichromacy



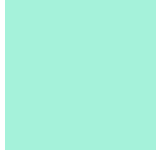
**Original Color**  
96FA99



**Protanomaly**  
D3EB93

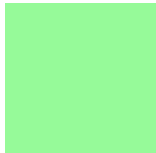


**Deuteranomaly**  
D9E7AF

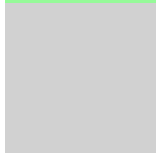


**Tritanomaly**  
A5F2DA

# Monochromacy



**Original Color**  
96FA99



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
BCE0BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96FA99 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 #96FA99 looks like.

```
.text, #text, p{  
    color:#96FA99  
}
```

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 #96FA99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96FA99  
}
```

## Border

The CSS property to change the border of an element to Hex 96FA99 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  
#96FA99 }
```

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

```
.border{ border-color:#96FA99 }
```

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

Here you see how a box with a 4 pixel #96FA99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96FA99; -webkit-box-shadow:4px 4px  
4px 4px #96FA99; box-shadow:4px 4px 4px  
4px #96FA99 }
```

# Background

The CSS property to change the background color of an element to Hex 96FA99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96FA99 }
```

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

```
.background{ background-color:#96FA99 }
```

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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