

# Converting Colors

Hex(FF99E4)

Have a look what the booklet for  
Hex(FF99E4) contains.

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# **Color**

**Hex(F999E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF99E4
RGB	255, 153, 228
RGB Percent	100%, 60%, 89%
CMY	0.0000, 0.4000, 0.1059
CMYK	0.00, 0.40, 0.11, 0.00
HSL	316°, 100%, 80%
HSV	316°, 40%, 100%
XYZ	66.6348, 49.6439, 79.4690
YIQ	192.0480, 36.7170, 44.9490

# Conversions

## Conversions Part 2

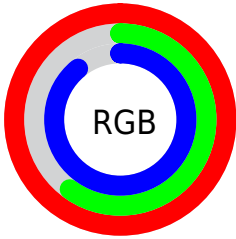
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 153, 228
Decimal	16751076
CIE <sub>Lab</sub>	75.85, 48.27, -21.71
CIE <sub>LCh</sub>	76, 52.929, 335.787
Yxy	49.6439, 0.3404, 0.2536
Android (android.graphics.Color)	4294941156 (0xFFFF99E4)
YUV	192.0480, 17.7243, 55.2089
Hunter-Lab	70.4584, 45.5110, -17.5514

# Details

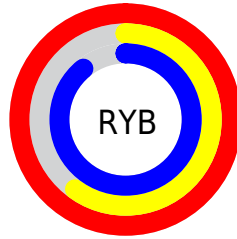
The Hex color **FF99E4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **99FFB4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFD1FF**, and **C563AC** is the 20% darker color. If you saturate the color by 10%, you get **FF80DD**, and if you desaturate by 10%, it is **FFB3EB**.

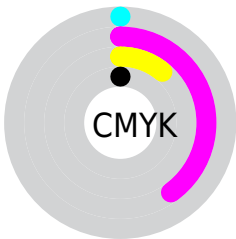
# Distribution



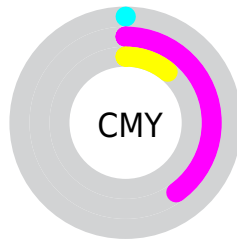
- Red (100%)
- Green (60%)
- Blue (89%)



- Red (100%)
- Yellow (60%)
- Blue (89%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF99E4 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 FF99E4 by changing the saturation by 10% instead.



 FF99E4

 FF99E4

FFFFFF

 E27EC8

 FFD1FF

 C563AC

 FFE0FF

 A84992

 8C2E78

 710F5F

 570047

 3D0030

 26001B

 000000

 FF99E4

 FF99E4

 FF80DD

 FFB3EB

 FF66D7

 FFCCF2

 FF4DD0

 FFE6F8

 FF33C9

FFFFFF

 FF19C2

 FF00BC

# Harmonies

## Analogous

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



CBAAFF



FF99E4



FF92B3

# Triad

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



FF99E4



CFBB56



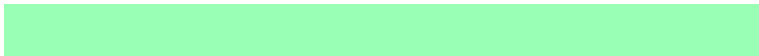
00D2F3

# Complementary

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



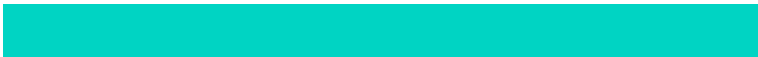
FF99E4



99FFB4

# 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.



00D4C3



FF99E4



9CC969

# Square

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



FF99E4



F8AA62



59D191



00CBFF

# Rectangle

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



FF99E4



FF9593



59D191



00D3E4



# Sweetspot

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



FF99E4



FFE0F7



B399FF



806E7B



000000



808080



# Same Dimension

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



FF99E4



FF85DF



FF99B3



80737C



BF008D



40002F



# Inverse Universe

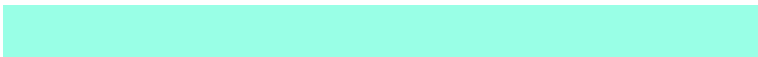
The Inverse Universe completely reimagines the original color for something new.



FF99E4



FF85DF



99FFE6



80737C



BF008D



40002F



# Previews

## White Background



This preview shows how the Hex color FF99E4 looks on a white background.

## Color Contrast Check

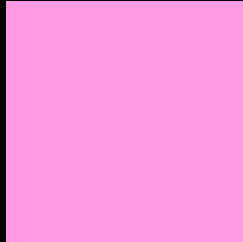
Large Text (above 18pt) WCAG AA × Fail

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 FF99E4 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 FF99E4 Background



This preview shows how black text looks on a background with the Hex color FF99E4.

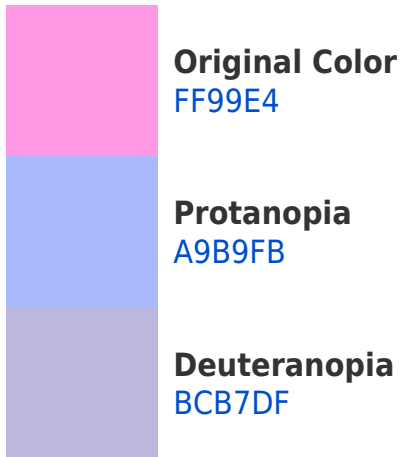


This preview shows how white text looks on a background with the Hex color FF99E4.

# 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**  
F9A3B0

# Trichromacy



**Original Color**  
FF99E4



**Protanomaly**  
C8ADF3



**Deuteranomaly**  
D4ACE1



**Tritanomaly**  
FB9FC3

# Monochromacy



**Original Color**  
FF99E4



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
D7B2CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF99E4 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 #FF99E4 looks like.

```
.text, #text, p{  
    color:#FF99E4  
}
```

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 #FF99E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF99E4
}
```

## Border

The CSS property to change the border of an element to Hex FF99E4 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
#FF99E4 }
```

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

```
.border{ border-color:#FF99E4 }
```

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

Here you see how a box with a 4 pixel #FF99E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF99E4; -webkit-box-shadow:4px 4px  
4px 4px #FF99E4; box-shadow:4px 4px 4px  
4px #FF99E4 }
```

# Background

The CSS property to change the background color of an element to Hex FF99E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF99E4 }
```

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

```
.background{ background-color:#FF99E4 }
```

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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