

Converting Colors

Hex(FF99E6)

Have a look what the booklet for
Hex(FF99E6) contains.

Hex(FF99E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F99E6)

Conversions

Conversions Part 1

Format	Color
Hex	FF99E6
RGB	255, 153, 230
RGB Percent	100%, 60%, 90%
CMY	0.0000, 0.4000, 0.0980
CMYK	0.00, 0.40, 0.10, 0.00
HSL	315°, 100%, 80%
HSV	315°, 40%, 100%
XYZ	66.9142, 49.7556, 80.9399
YIQ	192.2760, 36.0750, 45.5710

Conversions

Conversions Part 2

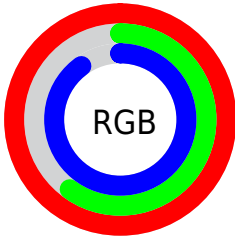
Format	Color
R_{YB}	255, 153, 230
Decimal	16751078
CIE _{Lab}	75.92, 48.60, -22.69
CIE _{LCh}	76, 53.633, 334.968
Yxy	49.7556, 0.3386, 0.2518
Android (android.graphics.Color)	4294941158 (0xFFFF99E6)
YUV	192.2760, 18.5979, 55.0089
Hunter-Lab	70.5377, 45.8895, -18.6572

Details

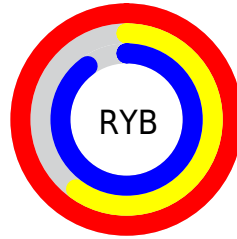
The Hex color **FF99E6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **99FFB2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFD1FF**, and **C563AE** is the 20% darker color. If you saturate the color by 10%, you get **FF80E0**, and if you desaturate by 10%, it is **FFB3EC**.

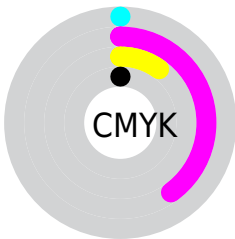
Distribution



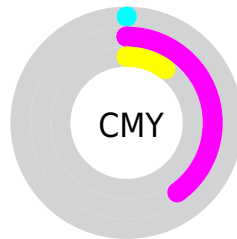
- Red (100%)
- Green (60%)
- Blue (90%)



- Red (100%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF99E6 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 FF99E6 by changing the saturation by 10% instead.

 FF99E6

 FF99E6

FFFFFF

 E27ECA

 FFD1FF

 C563AE

 FFEEFF

 A84994

 8C2E7A

 710E61

 570049

 3D0032

 26001D

 000000

 FF99E6

 FF99E6

 FF80E0

 FFB3EC

 FF66DA

 FFCCF3

 FF4DD3

 FFE6F9

 FF33CD

FFFFFF

 FF19C7

 FF00C1

Harmonies

Analogous

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



CAABFF



FF99E6



FF91B5

Triad

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



FF99E6



D1BB55



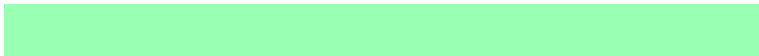
00D3F2

Complementary

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



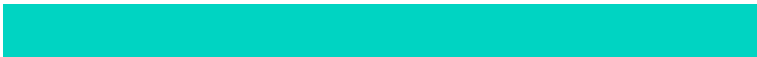
FF99E6



99FFB2

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.



00D4C2



FF99E6



9DC967

Square

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



FF99E6



FAA961



59D18F



00CBFF

Rectangle

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



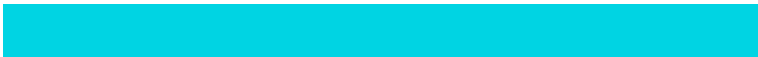
FF99E6



FF9594



59D18F



00D4E3

Sweetspot

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



FF99E6



FFE0F8



B199FF



806E7B



000000



808080

Same Dimension

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



FF99E6



FF85E1



FF99B4



80737C



BF0090



400030

Inverse Universe

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



FF99E6



FF85E1



99FFE4



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color FF99E6 looks on a white background.

Color Contrast Check

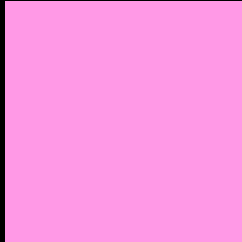
Large Text (above 18pt) WCAG AA × Fail

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 FF99E6 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 FF99E6 Background



This preview shows how black text looks on a background with the Hex color FF99E6.

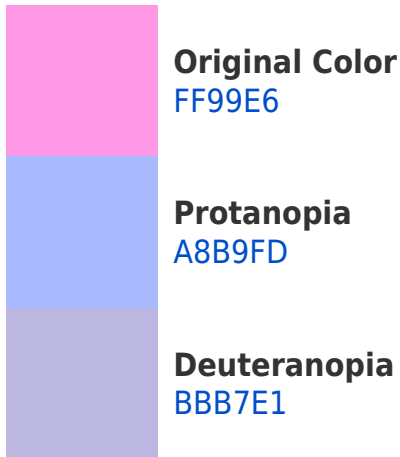



This preview shows how white text looks on a background with the Hex color FF99E6.

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
F9A4B0

Trichromacy



Original Color
FF99E6



Protanomaly
C8ADF5



Deuteranomaly
D4ACE3

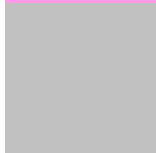


Tritanomaly
FBA0C4

Monochromacy



Original Color
FF99E6



Achromatopsia
C0C0C0



Achromatomaly
D7B2CE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF99E6 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 #FF99E6 looks like.

```
.text, #text, p{  
    color:#FF99E6  
}
```

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 #FF99E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF99E6
}
```

Border

The CSS property to change the border of an element to Hex FF99E6 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
#FF99E6 }
```

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

```
.border{ border-color:#FF99E6 }
```

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

Here you see how a box with a 4 pixel #FF99E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF99E6; -webkit-box-shadow:4px 4px  
4px 4px #FF99E6; box-shadow:4px 4px 4px  
4px #FF99E6 }
```

Background

The CSS property to change the background color of an element to Hex FF99E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF99E6 }
```

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

```
.background{ background-color:#FF99E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor