

Converting Colors

Hex(66FF9C)

Have a look what the booklet for
Hex(66FF9C) contains.

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Color

Hex(66FF9C)

Conversions

Conversions Part 1

Format	Color
Hex	66FF9C
RGB	102, 255, 156
RGB Percent	40%, 100%, 61%
CMY	0.6000, 0.0000, 0.3882
CMYK	0.60, 0.00, 0.39, 0.00
HSL	141°, 100%, 70%
HSV	141°, 60%, 100%
XYZ	47.2402, 76.7451, 43.7760
YIQ	197.9670, -59.4090, -63.2250

Conversions

Conversions Part 2

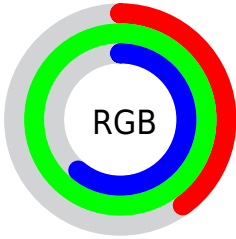
Format	Color
RYB	102, 215, 255
Decimal	6750108
CIELab	90.20, -61.72, 35.50
CIELCh	90, 71.197, 150.093
Yxy	76.7451, 0.2816, 0.4575
Android (android.graphics.Color)	4284940188 (0xFF66FF9C)
YUV	197.9670, -20.6897, -84.1631
Hunter-Lab	87.6043, -57.0521, 31.6957

Details

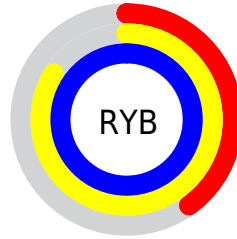
The Hex color **66FF9C** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF66C9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A5FFD3**, and **0DC568** is the 20% darker color. If you saturate the color by 10%, you get **4DFF8C**, and if you desaturate by 10%, it is **80FFAD**.

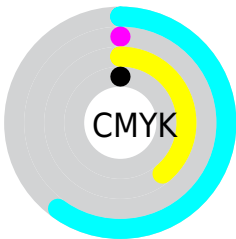
Distribution



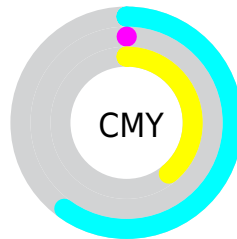
- Red (40%)
- Green (100%)
- Blue (61%)



- Red (40%)
- Yellow (84%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FF9C 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 66FF9C by changing the saturation by 10% instead.

 66FF9C

FFFFFF

 A5FFD3

 C3FFF0

 E2FFFF

 66FF9C

 43E281

 0DC568

 00A94E

 008E36

 00731D

 005902

 004000

 002800

 000100

 66FF9C

 66FF9C

 4DFF8C

 80FFAD

 33FF7B

 99FFBD

 19FF6B

 B3FFCE

 00FF5A

 CCFFDE

 E6FFE7

FFFFFF

Harmonies

Analogous

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



C4F366



66FF9C



00FFE1

Triad

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



66FF9C



4BEAFF



FFAEA2

Complementary

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



66FF9C



FF66C9

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.



FFA6E6



66FF9C



E5D1FF

Square

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



66FF9C



00BFFF



FFB6FF



FFC66D

Rectangle

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



66FF9C



00FFFF



FFB6FF



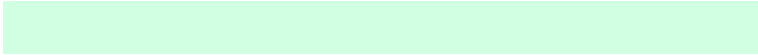
FFA9B8

Sweetspot

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



66FF9C



D1FFE1



C9FF66



63806D



000000



808080

Same Dimension

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



66FF9C



47FF88



66FFE8



738077



00BF44



004017

Inverse Universe

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



FF66C9



FF47BE



FF667D



80737B



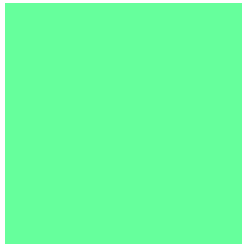
BF007C



400029

Previews

White Background



This preview shows how the Hex color 66FF9C looks on a white background.

Color Contrast Check

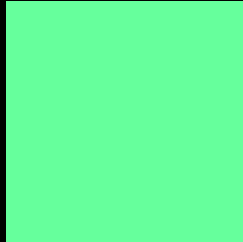
Large Text (above 18pt) WCAG AA × Fail

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 66FF9C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

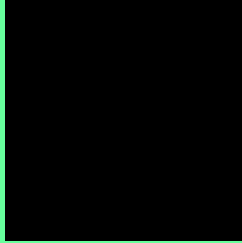
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

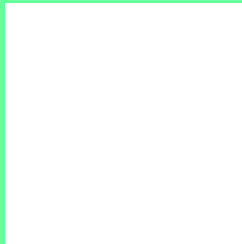
Any Text WCAG AAA ✓ Pass

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

Hex 66FF9C Background



This preview shows how black text looks on a background with the Hex color 66FF9C.

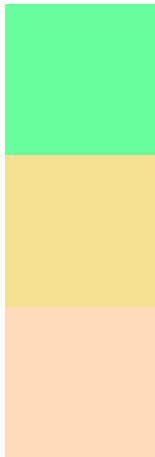


This preview shows how white text looks on a background with the Hex color 66FF9C.

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](#).

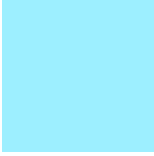
Dichromacy



Original Color
66FF9C

Protanopia
F5E190

Deuteranopia
FFDDB9



Tritanopia
9DEFFF

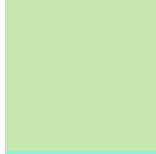
Trichromacy



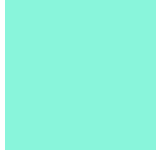
Original Color
66FF9C



Protanomaly
C1EC94

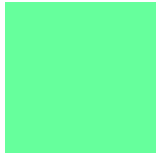


Deuteranomaly
C7E8AE



Tritanomaly
89F5DB

Monochromacy



Original Color
66FF9C



Achromatopsia
C6C6C6



Achromatomaly
A3DBB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FF9C 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 #66FF9C looks like.

```
.text, #text, p{  
    color:#66FF9C  
}
```

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 #66FF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FF9C
}
```

Border

The CSS property to change the border of an element to Hex 66FF9C 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
#66FF9C }
```

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

```
.border{ border-color:#66FF9C }
```

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

Here you see how a box with a 4 pixel #66FF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FF9C; -webkit-box-shadow:4px 4px  
4px 4px #66FF9C; box-shadow:4px 4px 4px  
4px #66FF9C }
```

Background

The CSS property to change the background color of an element to Hex 66FF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FF9C }
```

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

```
.background{ background-color:#66FF9C }
```

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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