

Converting Colors

Hex(66FF8C)

Have a look what the booklet for
Hex(66FF8C) contains.

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Color

Hex(66FF8C)

Conversions

Conversions Part 1

Format	Color
Hex	66FF8C
RGB	102, 255, 140
RGB Percent	40%, 100%, 55%
CMY	0.6000, 0.0000, 0.4510
CMYK	0.60, 0.00, 0.45, 0.00
HSL	135°, 100%, 70%
HSV	135°, 60%, 100%
XYZ	45.9731, 76.2382, 37.1034
YIQ	196.1430, -54.2730, -68.2010

Conversions

Conversions Part 2

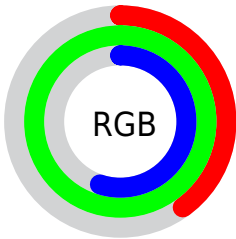
Format	Color
RYB	102, 225, 255
Decimal	6750092
CIELab	89.97, -64.28, 43.01
CIElCh	90, 77.343, 146.212
Yxy	76.2382, 0.2886, 0.4785
Android (android.graphics.Color)	4284940172 (0xFF66FF8C)
YUV	196.1430, -27.6785, -82.5634
Hunter-Lab	87.3145, -58.8160, 35.9255

Details

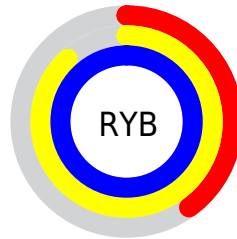
The Hex color **66FF8C** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF66D9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A5FFC3**, and **0AC558** is the 20% darker color. If you saturate the color by 10%, you get **4DFF79**, and if you desaturate by 10%, it is **80FF9F**.

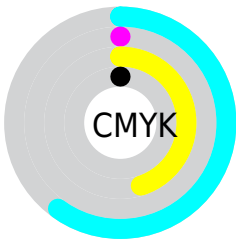
Distribution



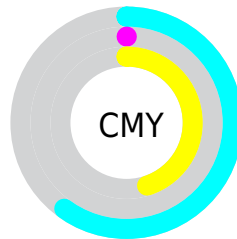
- Red (40%)
- Green (100%)
- Blue (55%)



- Red (40%)
- Yellow (88%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FF8C 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 66FF8C by changing the saturation by 10% instead.

 66FF8C

 66FF8C

FFFFFF

 43E272

 A5FFC3

 0AC558


 C4FFDF

 00A93E

 E2FFFC

 008E24

 007305

 005900

 004000

 002800

 000000

 66FF8C

 66FF8C

 4DFF79

 80FF9F

 33FF66

 99FFB2

 19FF52

 B3FFC6

 00FF3F

 CCFFD9

 E6FFEC

FFFFFF

Harmonies

Analogous

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



CAF153



66FF8C



00FFD6

Triad

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



66FF8C



00EDFF



FFA5A5

Complementary

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



66FF8C



FF66D9

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.



FF9FEF



66FF8C



D4D3FF

Square

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



66FF8C



00FEFF



FFB3FF



FFBF67

Rectangle

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



66FF8C



00FFFF



FFB3FF



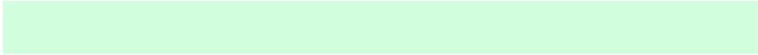
FFA0BD

Sweetspot

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



66FF8C



D1FFDD



DBFF66



63806A



000000



808080

Same Dimension

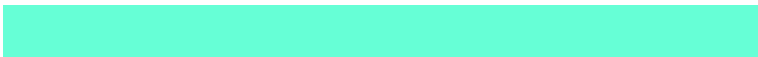
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66FF8C



47FF75



66FFD6



738076



00BF30



004010

Inverse Universe

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



FF66D9



FF47D1



FF668F



80737C



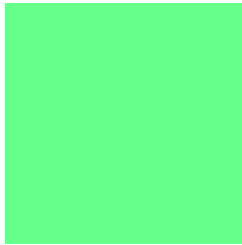
BF0090



400030

Previews

White Background



This preview shows how the Hex color 66FF8C looks on a white background.

Color Contrast Check

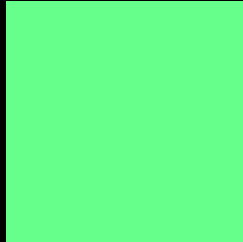
Large Text (above 18pt) WCAG AA × Fail

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 66FF8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

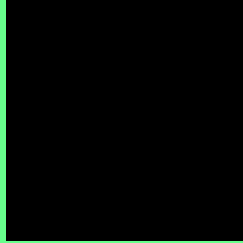
Any Text WCAG AA ✓ Pass

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 66FF8C Background



This preview shows how black text looks on a background with the Hex color 66FF8C.

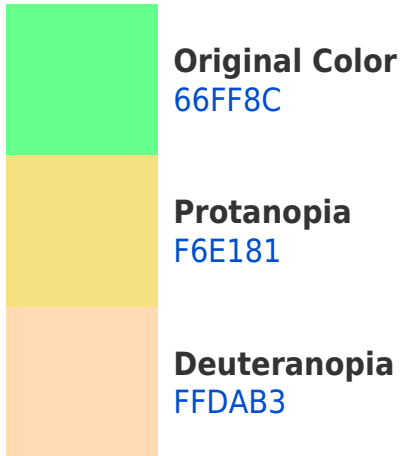


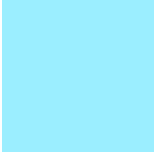
This preview shows how white text looks on a background with the Hex color 66FF8C.

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
9BEEFF

Trichromacy



Original Color
66FF8C



Protanomaly
C2EC85



Deuteranomaly
C7E7A5

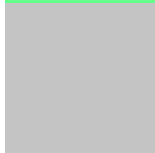


Tritanomaly
88F4D5

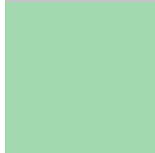
Monochromacy



Original Color
66FF8C



Achromatopsia
C4C4C4



Achromatomaly
A2D9B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FF8C 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 #66FF8C looks like.

```
.text, #text, p{  
    color:#66FF8C  
}
```

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 #66FF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FF8C
}
```

Border

The CSS property to change the border of an element to Hex 66FF8C 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
#66FF8C }
```

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

```
.border{ border-color:#66FF8C }
```

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

Here you see how a box with a 4 pixel #66FF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FF8C; -webkit-box-shadow:4px 4px  
4px 4px #66FF8C; box-shadow:4px 4px 4px  
4px #66FF8C }
```

Background

The CSS property to change the background color of an element to Hex 66FF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FF8C }
```

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

```
.background{ background-color:#66FF8C }
```

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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