

Converting Colors

Hex(6FFFA8)

Have a look what the booklet for
Hex(6FFFA8) contains.

Hex(6FFFA8)	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(6FFFA8)

Conversions

Conversions Part 1

Format	Color
Hex	6FFFA8
RGB	111, 255, 168
RGB Percent	44%, 100%, 66%
CMY	0.5647, 0.0000, 0.3412
CMYK	0.56, 0.00, 0.34, 0.00
HSL	144°, 100%, 72%
HSV	144°, 56%, 100%
XYZ	49.3834, 77.7267, 49.4458
YIQ	202.0260, -57.8970, -57.5850

Conversions

Conversions Part 2

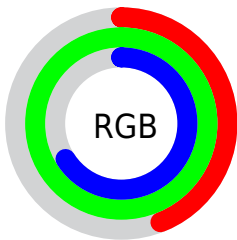
Format	Color
RYB	111, 214, 255
Decimal	7339944
CIELab	90.66, -57.76, 30.16
CIELCh	91, 65.159, 152.428
Yxy	77.7267, 0.2797, 0.4402
Android (android.graphics.Color)	4285530024 (0xFF6FFFA8)
YUV	202.0260, -16.7748, -79.8298
Hunter-Lab	88.1627, -54.2999, 28.4613

Details

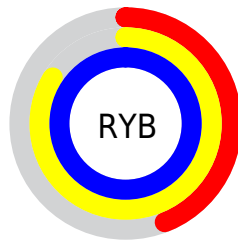
The Hex color **6FFFA8** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF6FC6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **ACFFE0**, and **26C573** is the 20% darker color. If you saturate the color by 10%, you get **56FF99**, and if you desaturate by 10%, it is **89FFB7**.

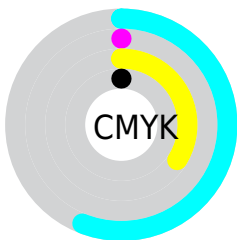
Distribution



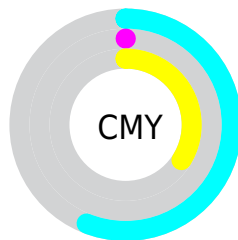
- Red (44%)
- Green (100%)
- Blue (66%)



- Red (44%)
- Yellow (84%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FFFA8 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 6FFFA8 by changing the saturation by 10% instead.

 6FFFA8

FFFFFF

 ACFFE0

 CAFFFC

 E9FFFF

 6FFFA8

 4EE28D

 26C573

 00A95A

 008E42

 00732A

 005912

 004000

 002A00

 000400

 6FFFA8

 6FFFA8

 56FF99

 89FFB7

 3CFF89

 A2FFC7

 22FF7A

 BCFFD6

 09FF6A

 D5FFE6

 00FF65

 EFFFF5

FFFFFF

Harmonies

Analogous

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



C3F476



6FFFA8



00FFE7

Triad

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



6FFFA8



7AE9FF



FFB7A5

Complementary

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



6FFFA8



FF6FC6

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.



FFAFE2



6FFFA8



EFD2FF

Square

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



6FFFA8



00FAFF



FFBAFF



FFCC76

Rectangle

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



6FFFA8



00FFFF



FFBAFF



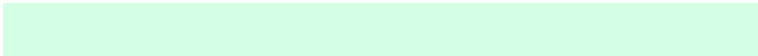
FFB2B8

Sweetspot

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



6FFFA8



D4FFE5



C8FF6F



668070



000000



808080

Same Dimension

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



6FFFA8



52FF96



6FFFEE



738078



00BF4C



004019

Inverse Universe

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



FF6FC6



FF52BA



FF6F80



80737A



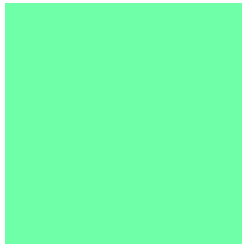
BF0074



400027

Previews

White Background



This preview shows how the Hex color 6FFFA8 looks on a white background.

Color Contrast Check

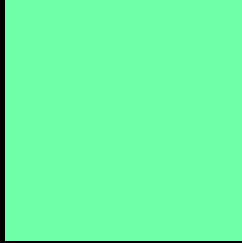
Large Text (above 18pt) WCAG AA × Fail

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 6FFFA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

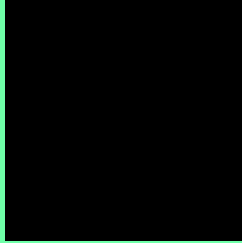
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

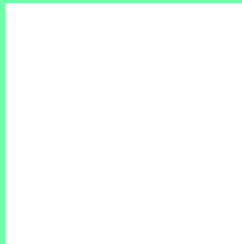
Any Text WCAG AAA ✓ Pass

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

Hex 6FFFA8 Background



This preview shows how black text looks on a background with the Hex color 6FFFA8.

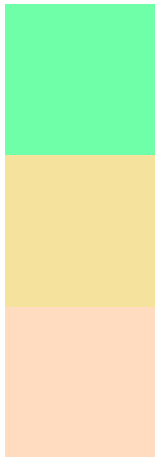


This preview shows how white text looks on a background with the Hex color 6FFFA8.

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](#).

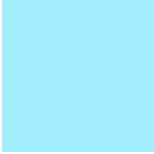
Dichromacy



Original Color
6FFFA8

Protanopia
F5E29C

Deuteranopia
FFDCC0



Tritanopia
A4EFFF

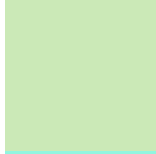
Trichromacy



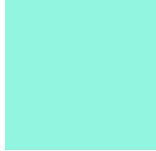
Original Color
6FFFA8



Protanomaly
C4EDA0

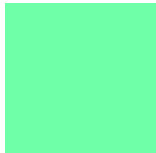


Deuteranomaly
CBE9B7

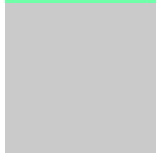


Tritanomaly
91F5DF

Monochromacy



Original Color
6FFFA8



Achromatopsia
CACACA



Achromatomaly
A9DDBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FFFA8 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 #6FFFA8 looks like.

```
.text, #text, p{  
    color:#6FFFA8  
}
```

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 #6FFFA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FFFA8
}
```

Border

The CSS property to change the border of an element to Hex 6FFFA8 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
#6FFFA8 }
```

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

```
.border{ border-color:#6FFFA8 }
```

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

Here you see how a box with a 4 pixel #6FFFA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FFFA8; -webkit-box-shadow:4px 4px  
4px 4px #6FFFA8; box-shadow:4px 4px 4px  
4px #6FFFA8 }
```

Background

The CSS property to change the background color of an element to Hex 6FFFA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FFFA8 }
```

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

```
.background{ background-color:#6FFFA8 }
```

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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