

# Converting Colors

Hex(82FFB8)

Have a look what the booklet for  
Hex(82FFB8) contains.

<b>Hex(82FFB8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(82FFB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82FFB8
RGB	130, 255, 184
RGB Percent	51%, 100%, 72%
CMY	0.4902, 0.0000, 0.2784
CMYK	0.49, 0.00, 0.28, 0.00
HSL	146°, 100%, 75%
HSV	146°, 49%, 100%
XYZ	53.6177, 79.7265, 57.9102
YIQ	209.5310, -51.7090, -48.5810

# Conversions

## Conversions Part 2

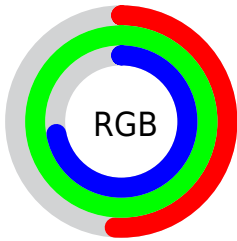
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 217, 255
Decimal	8585144
CIELab	91.56, -50.49, 23.41
CIELCh	92, 55.656, 155.127
Yxy	79.7265, 0.2803, 0.4169
Android (android.graphics.Color)	4286775224 (0xFF82FFB8)
YUV	209.5310, -12.5868, -69.7487
Hunter-Lab	89.2897, -49.0694, 24.0494

# Details

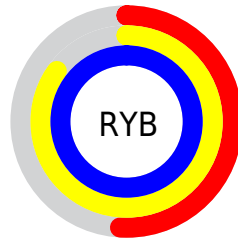
The Hex color **82FFB8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF82C9**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **BDFFF0**, and **45C583** is the 20% darker color. If you saturate the color by 10%, you get **69FFAA**, and if you desaturate by 10%, it is **9BFFC6**.

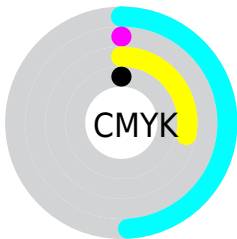
# Distribution



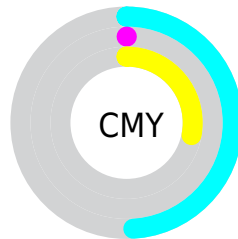
- Red (51%)
- Green (100%)
- Blue (72%)



- Red (51%)
- Yellow (85%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82FFB8 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 82FFB8 by changing the saturation by 10% instead.



 82FFB8

FFFFFF

 BDFFF0

 DBFFFF

 F9FFFF

 82FFB8

 64E29D

 45C583

 1EAA69

 008E51

 007439

 005A23

 00420C

 002C00

 000B00

 82FFB8

 82FFB8

 69FFAA

 9BFFC6

 4FFF9B

 B5FFD5

 35FF8D

 CFFFE3

 1CFF7E

 E8FFF2

 02FF70

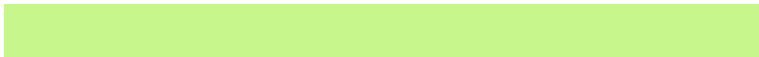
FFFFFF

 00FF6E

# Harmonies

## Analogous

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



C7F68D



82FFB8



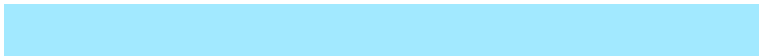
00FFEF

# Triad

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



82FFB8



A2E9FF



FFC3AC

# Complementary

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



82FFB8



FF82C9

# 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.



FFBBE0



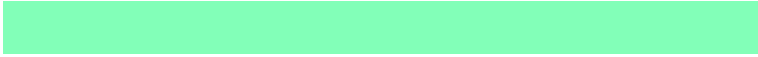
82FFB8



F8D5FF

# Square

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



82FFB8



00F8FF



FFC3FF



FFD486

# Rectangle

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



82FFB8



00FFFF



FFC3FF

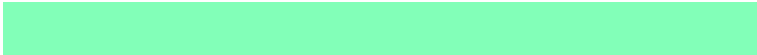


FFBFBC

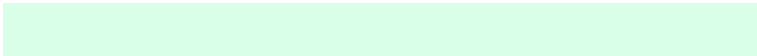


# Sweetspot

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



82FFB8



D9FFE9



CBFF82



698072



000000



808080



# Same Dimension

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



82FFB8



69FFAA



82FFF5



738078



00BF53



00401C



# Inverse Universe

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



FF82C9



FF69BE



FF828C



80737A



BF006D

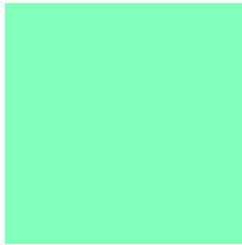


400024



# Previews

## White Background



This preview shows how the Hex color 82FFB8 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

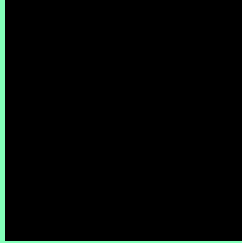
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82FFB8 Background



This preview shows how black text looks on a background with the Hex color 82FFB8.

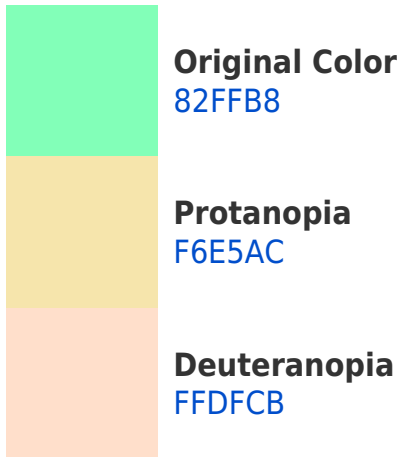


This preview shows how white text looks on a background with the Hex color 82FFB8.

# 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**  
B1FOFF

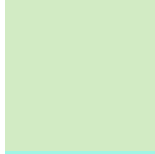
# Trichromacy



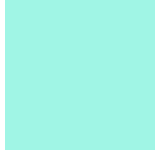
**Original Color**  
82FFB8



**Protanomaly**  
CCEEB0



**Deuteranomaly**  
D2EBC4

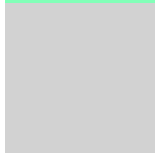


**Tritanomaly**  
A0F5E5

# Monochromacy



**Original Color**  
82FFB8



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B5E2C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82FFB8 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 #82FFB8 looks like.

```
.text, #text, p{  
    color:#82FFB8  
}
```

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 #82FFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FFB8
}
```

## Border

The CSS property to change the border of an element to Hex 82FFB8 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
#82FFB8 }
```

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

```
.border{ border-color:#82FFB8 }
```

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

Here you see how a box with a 4 pixel #82FFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FFB8; -webkit-box-shadow:4px 4px  
4px 4px #82FFB8; box-shadow:4px 4px 4px  
4px #82FFB8 }
```

# Background

The CSS property to change the background color of an element to Hex 82FFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FFB8 }
```

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

```
.background{ background-color:#82FFB8 }
```

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