

# Converting Colors

Hex(82FFD2)

Have a look what the booklet for  
Hex(82FFD2) contains.

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# **Color**

**Hex(82FFD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82FFD2
RGB	130, 255, 210
RGB Percent	51%, 100%, 82%
CMY	0.4902, 0.0000, 0.1765
CMYK	0.49, 0.00, 0.18, 0.00
HSL	158°, 100%, 75%
HSV	158°, 49%, 100%
XYZ	56.5988, 80.9190, 73.6086
YIQ	212.4950, -60.0550, -40.4950

# Conversions

## Conversions Part 2

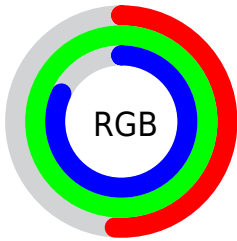
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 206, 255</a>
Decimal	<a href="#">8585170</a>
CIELab	<a href="#">92.10, -45.27, 10.84</a>
CIELCh	<a href="#">92, 46.554, 166.534</a>
Yxy	<a href="#">80.9190, 0.2681, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4286775250 (0xFF82FFD2)</a>
YUV	<a href="#">212.4950, -1.2300, -72.3481</a>
Hunter-Lab	<a href="#">89.9550, -45.1108, 14.4525</a>

# Details

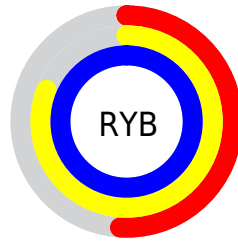
The Hex color **82FFD2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF82AF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **BDFFFF**, and **44C69C** is the 20% darker color. If you saturate the color by 10%, you get **69FFC9**, and if you desaturate by 10%, it is **9BFFDB**.

# Distribution



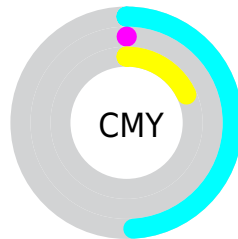
- Red (51%)
- Green (100%)
- Blue (82%)



- Red (51%)
- Yellow (81%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82FFD2 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 82FFD2 by changing the saturation by 10% instead.



 82FFD2

FFFFFF

 BDFFFF

 DBFFFF

 F9FFFF

 82FFD2

 64E2B6

 44C69C

 1CAA81

 008F68

 007450

 005B39

 004223

 002C0F

 000E00

 82FFD2

 82FFD2

 69FFC9

 9BFFDB

 4FFFC0

 B5FFE4

 35FFB6

 CFFFE4

 1CFFAD

 E8FFF7

 02FFA4

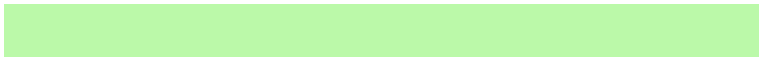
FFFFFF

 00FFA3

# Harmonies

## Analogous

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



BBF9A9



82FFD2



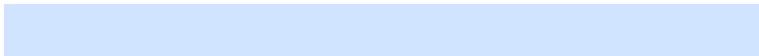
45FFFF

# Triad

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



82FFD2



D0E4FF



FFD0A9

# Complementary

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



82FFD2



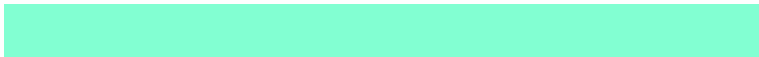
FF82AF

# 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.



FFC6D1



82FFD2



FFD4FF

# Square

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



82FFD2



85F3FF



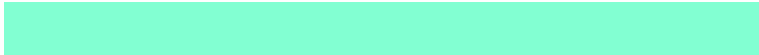
FFC8FE



FFDF91

# Rectangle

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



82FFD2



30FEFF



FFC8FE



FFCCB5

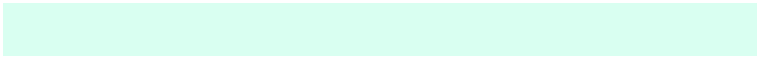


# Sweetspot

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



82FFD2



D9FFF1



B0FF82



698077



000000



808080



# Same Dimension

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



82FFD2



69FFC9



82EEFF



73807B



00BF7A



004029



# Inverse Universe

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



FF82AF



FF699F



FF9382



807377



BF0045

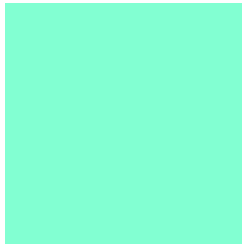


400017



# Previews

## White Background



This preview shows how the Hex color 82FFD2 looks on a white background.

## Color Contrast Check

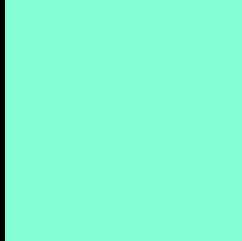
Large Text (above 18pt) WCAG AA × Fail

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 82FFD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

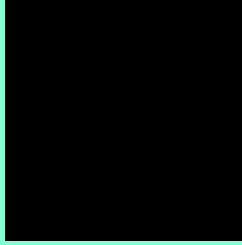
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82FFD2 Background



This preview shows how black text looks on a background with the Hex color 82FFD2.

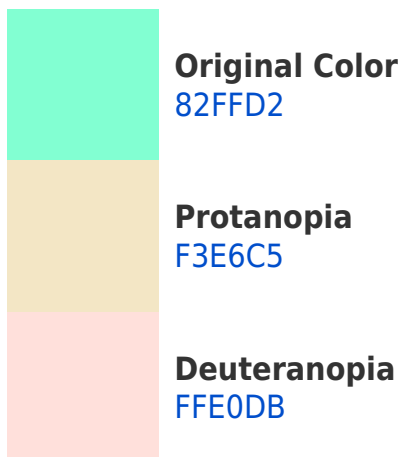


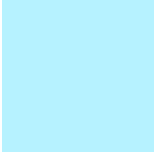
This preview shows how white text looks on a background with the Hex color 82FFD2.

# 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



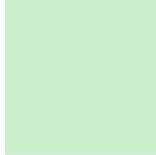


**Tritanopia**  
B6F2FF

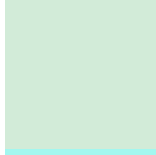
# Trichromacy



**Original Color**  
82FFD2



**Protanomaly**  
CAEFCA



**Deuteranomaly**  
D2EBD8

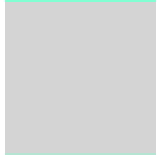


**Tritanomaly**  
A3F7EF

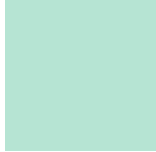
# Monochromacy



**Original Color**  
82FFD2



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
B6E4D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82FFD2 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 #82FFD2 looks like.

```
.text, #text, p{  
    color:#82FFD2  
}
```

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 #82FFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FFD2
}
```

## Border

The CSS property to change the border of an element to Hex 82FFD2 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
#82FFD2 }
```

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

```
.border{ border-color:#82FFD2 }
```

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

Here you see how a box with a 4 pixel #82FFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FFD2; -webkit-box-shadow:4px 4px  
4px 4px #82FFD2; box-shadow:4px 4px 4px  
4px #82FFD2 }
```

# Background

The CSS property to change the background color of an element to Hex 82FFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FFD2 }
```

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

```
.background{ background-color:#82FFD2 }
```

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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