

# Converting Colors

Hex(82F5D9)

Have a look what the booklet for  
Hex(82F5D9) contains.

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# **Color**

**Hex(82F5D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82F5D9
RGB	130, 245, 217
RGB Percent	51%, 96%, 85%
CMY	0.4902, 0.0392, 0.1490
CMYK	0.47, 0.00, 0.11, 0.04
HSL	165°, 85%, 74%
HSV	165°, 47%, 96%
XYZ	54.3827, 75.0604, 77.2675
YIQ	207.4230, -59.5520, -33.0880

# Conversions

## Conversions Part 2

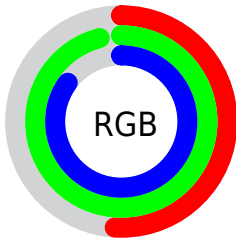
Format	Color
<a href="#">RYB</a>	<a href="#">130, 195, 245</a>
Decimal	<a href="#">8582617</a>
CIELab	<a href="#">89.42, -39.31, 3.37</a>
CIELCh	<a href="#">89, 39.454, 175.102</a>
Yxy	<a href="#">75.0604, 0.2631, 0.3631</a>
Android (android.graphics.Color)	<a href="#">4286772697 (0xFF82F5D9)</a>
YUV	<a href="#">207.4230, 4.7215, -67.9000</a>
Hunter-Lab	<a href="#">86.6374, -39.5701, 7.7685</a>

# Details

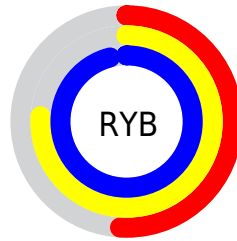
The Hex color **82F5D9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F5829E**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **BDFFFF**, and **46BCA2** is the 20% darker color. If you saturate the color by 10%, you get **6AF5D3**, and if you desaturate by 10%, it is **9BF5DF**.

# Distribution



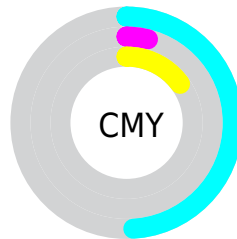
- Red (51%)
- Green (96%)
- Blue (85%)



- Red (51%)
- Yellow (76%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82F5D9 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 82F5D9 by changing the saturation by 10% instead.



 82F5D9

 82F5D9

FFFFFF

 64D8BD

 BDFFFF

 46BCA2

 DAFFFF

 20A188

 F8FFFF

 00866F

 006C56

 00533F

 003B29

 002615

 000000

 82F5D9

 82F5D9

 6AF5D3

 9BF5DF

 51F5CD

 B3F5E5

 38F5C7

 CBF5EB

 20F5C1

 E4F5F1

 07F5BB

 FCF5F7

 00F5B9

 FFF5FD

 FFF5FF

# Harmonies

## Analogous

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



AEF1B4



82F5D9



63F5FF

# Triad

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



82F5D9



DDD9FF



FFD0A4

# Complementary

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



82F5D9



F5829E

# 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.



FFC6C3



82F5D9



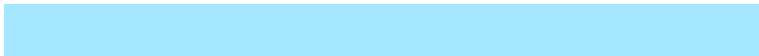
FFCCFF

# Square

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



82F5D9



A5E6FF



FFC5E8



FFDC96

# Rectangle

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



82F5D9



66F2FF



FFC5E8



FFCCAD

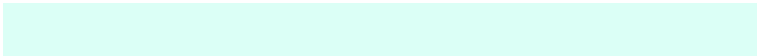


# Sweetspot

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



82F5D9



DBFFF6



9FF582



6A807A



000000



808080



# Same Dimension

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



82F5D9



70FFDC



82D8F5



6E7A77



00BA8D



003B2C



# Inverse Universe

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



F5829E



FF7093



F59F82



7A6E71



BA002D

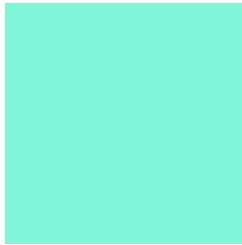


3B000E



# Previews

## White Background



This preview shows how the Hex color 82F5D9 looks on a white background.

## Color Contrast Check

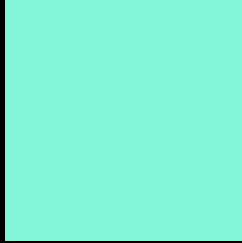
Large Text (above 18pt) WCAG AA × Fail

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 82F5D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

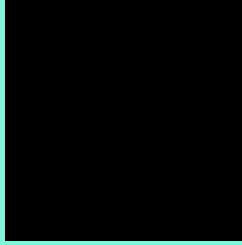
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82F5D9 Background



This preview shows how black text looks on a background with the Hex color 82F5D9.

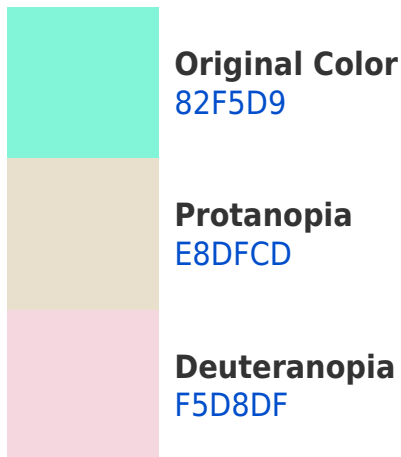


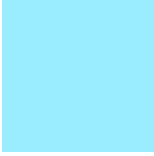
This preview shows how white text looks on a background with the Hex color 82F5D9.

# 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**  
99EDFF

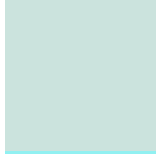
# Trichromacy



**Original Color**  
82F5D9



**Protanomaly**  
C3E7D1



**Deuteranomaly**  
CBE3DD

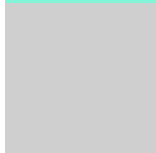


**Tritanomaly**  
91F0F1

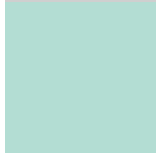
# Monochromacy



**Original Color**  
82F5D9



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
B3DDD3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82F5D9 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 #82F5D9 looks like.

```
.text, #text, p{  
    color:#82F5D9  
}
```

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 #82F5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82F5D9
}
```

## Border

The CSS property to change the border of an element to Hex 82F5D9 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
#82F5D9 }
```

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

```
.border{ border-color:#82F5D9 }
```

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

Here you see how a box with a 4 pixel #82F5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82F5D9; -webkit-box-shadow:4px 4px  
4px 4px #82F5D9; box-shadow:4px 4px 4px  
4px #82F5D9 }
```

# Background

The CSS property to change the background color of an element to Hex 82F5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82F5D9 }
```

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

```
.background{ background-color:#82F5D9 }
```

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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