

# Converting Colors

Hex(8CF5D2)

Have a look what the booklet for  
Hex(8CF5D2) contains.

|  |    |
|--|----|
| <b>Hex(8CF5D2)</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(8CF5D2)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 8CF5D2                       |
| RGB         | 140, 245, 210                |
| RGB Percent | 55%, 96%, 82%                |
| CMY         | 0.4510, 0.0392, 0.1765       |
| CMYK        | 0.43, 0.00, 0.14, 0.04       |
| HSL         | 160°, 84%, 75%               |
| HSV         | 160°, 43%, 96%               |
| XYZ         | 55.1005, 75.5334, 72.6481    |
| YIQ         | 209.6150, -51.3450, -33.1450 |

# Conversions

## Conversions Part 2

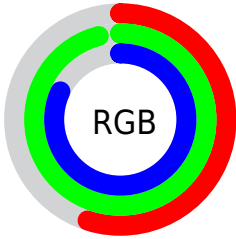
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 140, 203, 245                 |
| Decimal                             | 9237970                       |
| CIELab                              | 89.64, -38.44, 7.38           |
| CIELCh                              | 90, 39.146, 169.136           |
| Yxy                                 | 75.5334, 0.2711,<br>0.3716    |
| Android<br>(android.graphics.Color) | 4287428050<br>(0xFF8CF5D2)    |
| YUV                                 | 209.6150, 0.1898,<br>-61.0524 |
| Hunter-Lab                          | 86.9100, -38.9243,<br>11.2764 |

# Details

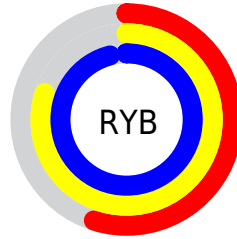
The Hex color **8CF5D2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F58CAF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C6FFFF**, and **52BC9C** is the 20% darker color. If you saturate the color by 10%, you get **74F5CA**, and if you desaturate by 10%, it is **A5F5DA**.

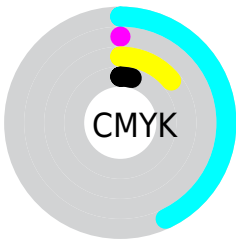
# Distribution



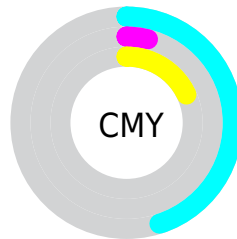
- Red (55%)
- Green (96%)
- Blue (82%)



- Red (55%)
- Yellow (80%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CF5D2 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 8CF5D2 by changing the saturation by 10% instead.



 8CF5D2

 8CF5D2

FFFFFF

 6FD8B6

 C6FFFF

 52BC9C

 E3FFFF

 33A182

 048668

 006C50

 005339

 003B24

 00260F

 000000

 8CF5D2

 8CF5D2

 74F5CA

 A5F5DA

 5BF5C2

 BDF5E2

 42F5B9

 D6F5EB

 2AF5B1

 EEF5F3

 11F5A9

 FFF5FB

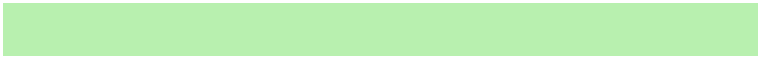
 00F5A3

 FFF5FF

# Harmonies

## Analogous

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



B8F0AF



8CF5D2



69F6F9

# Triad

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



8CF5D2



D3DDFF



FFCEAA

# Complementary

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



8CF5D2



F58CAF

# 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.



FFC6CB



8CF5D2



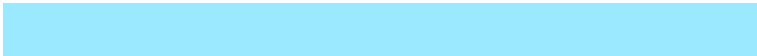
FFCFFF

# Square

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



8CF5D2



9BE9FF



FFC7F1



FFDA98

# Rectangle

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



8CF5D2



65F4FF



FFC7F1



FFCBB4



# Sweetspot

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



8CF5D2



DEFFF4



AFF58C



6B8079



000000



808080



# Same Dimension

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



8CF5D2



7DFFD4



8CE3F5



6E7A76



00BA7C



003B27



# Inverse Universe

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



F58CAF



FF7DA8



F59D8C



7A6E72



BA003E

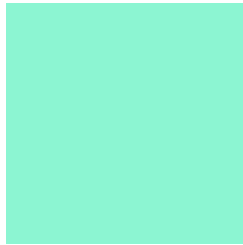


3B0014



# Previews

## White Background



This preview shows how the Hex color 8CF5D2 looks on a white background.

## Color Contrast Check

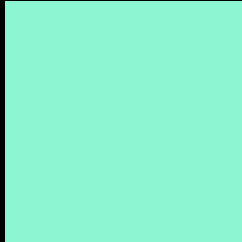
Large Text (above 18pt) WCAG AA × Fail

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 8CF5D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

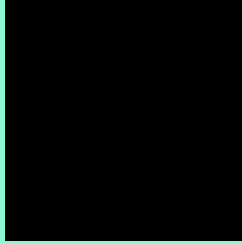
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CF5D2 Background



This preview shows how black text looks on a background with the Hex color 8CF5D2.



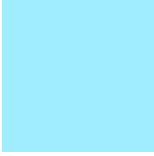
This preview shows how white text looks on a background with the Hex color 8CF5D2.

# 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



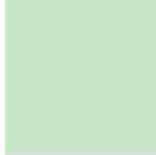


**Tritanopia**  
9FEDFF

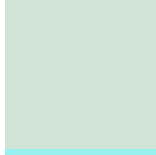
# Trichromacy



**Original Color**  
8CF5D2



**Protanomaly**  
C8E7CB



**Deuteranomaly**  
D1E3D6

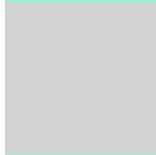


**Tritanomaly**  
98F0EF

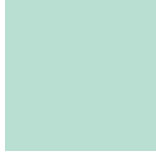
# Monochromacy



**Original Color**  
8CF5D2



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B9DFD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CF5D2 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 #8CF5D2 looks like.

```
.text, #text, p{  
    color:#8CF5D2  
}
```

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 #8CF5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF5D2
}
```

## Border

The CSS property to change the border of an element to Hex 8CF5D2 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
#8CF5D2 }
```

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

```
.border{ border-color:#8CF5D2 }
```

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

Here you see how a box with a 4 pixel #8CF5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF5D2; -webkit-box-shadow:4px 4px  
4px 4px #8CF5D2; box-shadow:4px 4px 4px  
4px #8CF5D2 }
```

# Background

The CSS property to change the background color of an element to Hex 8CF5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF5D2 }
```

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

```
.background{ background-color:#8CF5D2 }
```

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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