

Converting Colors

Hex(89F2C4)

Have a look what the booklet for
Hex(89F2C4) contains.

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Color

Hex(89F2C4)

Conversions

Conversions Part 1

Format	Color
Hex	89F2C4
RGB	137, 242, 196
RGB Percent	54%, 95%, 77%
CMY	0.4627, 0.0510, 0.2314
CMYK	0.43, 0.00, 0.19, 0.05
HSL	154°, 80%, 74%
HSV	154°, 43%, 95%
XYZ	52.0325, 72.8081, 63.5355
YIQ	205.3610, -47.8140, -36.5660

Conversions

Conversions Part 2

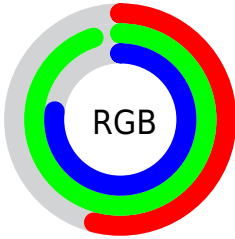
Format	Color
RYB	137, 204, 242
Decimal	9040580
CIELab	88.36, -40.79, 12.80
CIELCh	88, 42.747, 162.581
Yxy	72.8081, 0.2762, 0.3865
Android (android.graphics.Color)	4287230660 (0xFF89F2C4)
YUV	205.3610, -4.6150, -59.9526
Hunter-Lab	85.3277, -40.4749, 15.5817

Details

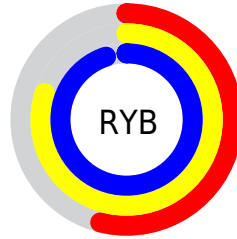
The Hex color **89F2C4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F289B7**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C3FFFD**, and **50B98E** is the 20% darker color. If you saturate the color by 10%, you get **71F2B9**, and if you desaturate by 10%, it is **A1F2CF**.

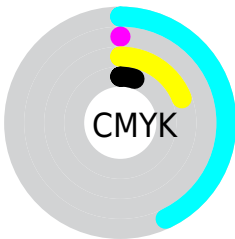
Distribution



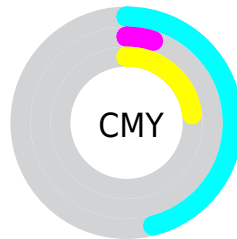
- Red (54%)
- Green (95%)
- Blue (77%)



- Red (54%)
- Yellow (80%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (46%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89F2C4 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 89F2C4 by changing the saturation by 10% instead.

 89F2C4

 89F2C4

FFFFFF

 6DD5A9

 C3FFFD

 50B98E

 E0FFFF

 309E75

FEFFFF

 00835C

 006944


 00512E

 003819

 002400

 000000

 89F2C4

 89F2C4

 71F2B9

 A1F2CF

 59F2AF

 B9F2D9

 40F2A4

 D2F2E4

 28F29A

 EAF2EE

 10F28F

 FFF2F9

 00F288

 FFF2FF

Harmonies

Analogous

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



BBECA0



89F2C4



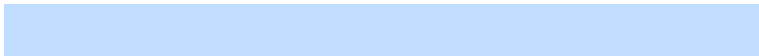
57F4EE

Triad

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



89F2C4



C0DCFF



FFC6A8

Complementary

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



89F2C4



F289B7

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.



FFBFCE



89F2C4



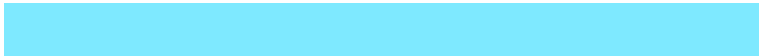
F9CDFF

Square

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



89F2C4



7EE9FF



FFC1F7



FFD390

Rectangle

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



89F2C4



45F2FF



FFC1F7



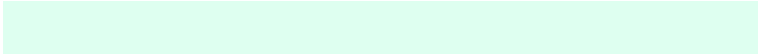
FFC3B4

Sweetspot

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



89F2C4



DEFFF0



B8F289



6B8077



000000



808080

Same Dimension

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



89F2C4



7AFFC5



89EDF2



6C7873



00B867



003820

Inverse Universe

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



F289B7



FF7AB4



F28E89



786C71



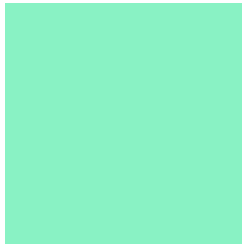
B80050



380019

Previews

White Background



This preview shows how the Hex color 89F2C4 looks on a white background.

Color Contrast Check

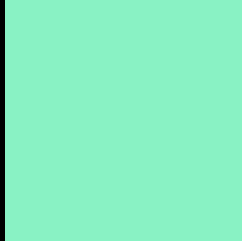
Large Text (above 18pt) WCAG AA × Fail

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 89F2C4 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 89F2C4 Background



This preview shows how black text looks on a background with the Hex color 89F2C4.

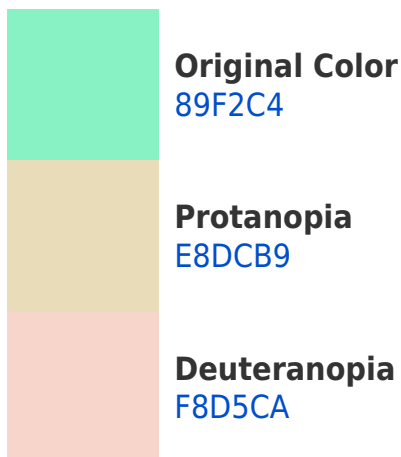


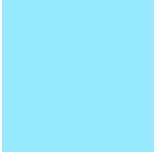
This preview shows how white text looks on a background with the Hex color 89F2C4.

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



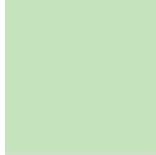


Tritanopia
97EAFD

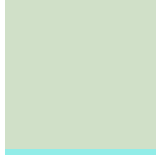
Trichromacy



Original Color
89F2C4



Protanomaly
C5E4BD



Deuteranomaly
D0E0C8



Tritanomaly
92EDE8

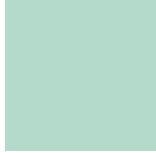
Monochromacy



Original Color
89F2C4



Achromatopsia
CDCDCD



Achromatomaly
B4DACA

CSS Examples

Text

The CSS property to change the color of the text to Hex 89F2C4 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 #89F2C4 looks like.

```
.text, #text, p{  
    color:#89F2C4  
}
```

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 #89F2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89F2C4
}
```

Border

The CSS property to change the border of an element to Hex 89F2C4 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
#89F2C4 }
```

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

```
.border{ border-color:#89F2C4 }
```

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

Here you see how a box with a 4 pixel #89F2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89F2C4; -webkit-box-shadow:4px 4px  
4px 4px #89F2C4; box-shadow:4px 4px 4px  
4px #89F2C4 }
```

Background

The CSS property to change the background color of an element to Hex 89F2C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89F2C4 }
```

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

```
.background{ background-color:#89F2C4 }
```

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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