

Converting Colors

Hex(84EFCA)

Have a look what the booklet for
Hex(84EFCA) contains.

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Color

Hex(84EFCA)

Conversions

Conversions Part 1

Format	Color
Hex	84EFCA
RGB	132, 239, 202
RGB Percent	52%, 94%, 79%
CMY	0.4824, 0.0627, 0.2078
CMYK	0.45, 0.00, 0.15, 0.06
HSL	159°, 77%, 73%
HSV	159°, 45%, 94%
XYZ	51.0429, 70.9028, 66.8725
YIQ	202.7890, -51.8950, -34.1910

Conversions

Conversions Part 2

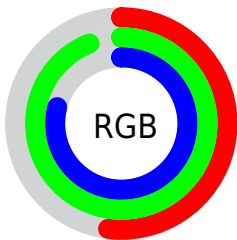
Format	Color
RYB	132, 197, 239
Decimal	8712138
CIELab	87.44, -39.44, 8.34
CIELCh	87, 40.310, 168.064
Yxy	70.9028, 0.2703, 0.3755
Android (android.graphics.Color)	4286902218 (0xFF84EFCA)
YUV	202.7890, -0.3890, -62.0820
Hunter-Lab	84.2038, -39.1530, 11.8561

Details

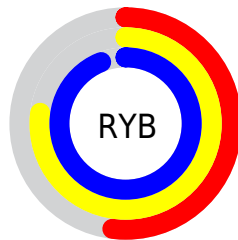
The Hex color **84EFCA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF84A9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **BEFFFF**, and **4AB694** is the 20% darker color. If you saturate the color by 10%, you get **6CEFC2**, and if you desaturate by 10%, it is **9CEFD2**.

Distribution



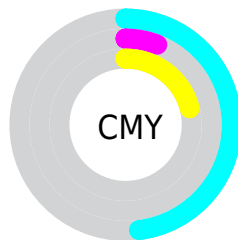
- Red (52%)
- Green (94%)
- Blue (79%)



- Red (52%)
- Yellow (77%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)



- Cyan (48%)
- Magenta (6%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84EFCA 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 84EFCA by changing the saturation by 10% instead.

 84EFCA

 84EFCA

FFFFFF

 67D2AF

 BEFFFF

 4AB694

 DBFFFF

 299B7A

 F9FFFF

 008161

 00674A

 004E33

 00361E

 002105

 000000

 84EFCA

 84EFCA

 6CEFC2

 9CEFD2

 54EFB9

 B4EFDB

 3CEFB1

 CCEFE3

 24EFA9

 E4EFEB

 0DEFA1

 FBEFF3

 00EF9C

 FFEFFC

 FFEFFF

Harmonies

Analogous

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



B2EAA7



84EFCA



5CF0F2

Triad

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



84EFCA



CAD7FF



FFC7A4

Complementary

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



84EFCA



EF84A9

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.



FFBFC5



84EFCA



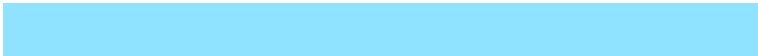
FDC9FF

Square

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



84EFCA



8FE3FF



FFC0EC



FFD390

Rectangle

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



84EFCA



55EEFF



FFC0EC



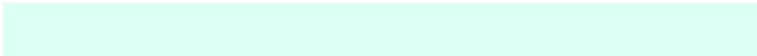
FFC3AE

Sweetspot

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



84EFCA



DEFFF4



A9EF84



6B8078



000000



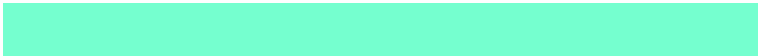
808080

Same Dimension

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



84EFCA



75FFCF



84DFEF



6C7874



00B878



003825

Inverse Universe

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



EF84A9



FF75A5



EF9484



786C70



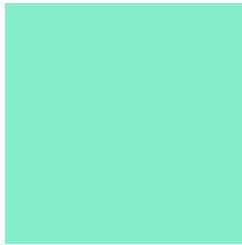
B8003F



380013

Previews

White Background



This preview shows how the Hex color 84EFCA looks on a white background.

Color Contrast Check

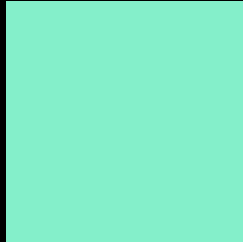
Large Text (above 18pt) WCAG AA × Fail

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 84EFCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

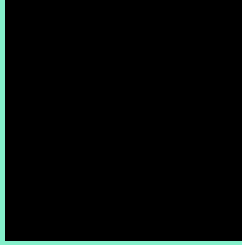
Any Text WCAG AA ✓ Pass

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 84EFCA Background



This preview shows how black text looks on a background with the Hex color 84EFCA.



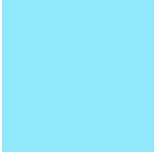
This preview shows how white text looks on a background with the Hex color 84EFCA.

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



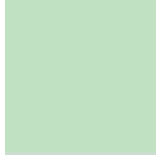


Tritanopia
91E8FB

Trichromacy



Original Color
84EFCA



Protanomaly
C1E1C3



Deuteranomaly
CADDCE

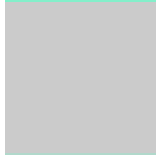


Tritanomaly
8CEBE9

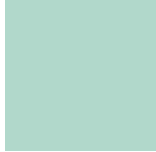
Monochromacy



Original Color
84EFCA



Achromatopsia
CBCBCB



Achromatomaly
B1D8CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 84EFCA 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 #84EFCA looks like.

```
.text, #text, p{  
    color:#84EFCA  
}
```

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 #84EFCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84EFCA
}
```

Border

The CSS property to change the border of an element to Hex 84EFCA 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
#84EFCA }
```

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

```
.border{ border-color:#84EFCA }
```

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

Here you see how a box with a 4 pixel #84EFCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84EFCA; -webkit-box-shadow:4px 4px  
4px 4px #84EFCA; box-shadow:4px 4px 4px  
4px #84EFCA }
```

Background

The CSS property to change the background color of an element to Hex 84EFCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84EFCA }
```

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

```
.background{ background-color:#84EFCA }
```

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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