

Converting Colors

Hex(84EEEA)

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

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Color

Hex(84EEEA)

Conversions

Conversions Part 1

Format	Color
Hex	84EEEE
RGB	132, 238, 234
RGB Percent	52%, 93%, 92%
CMY	0.4824, 0.0667, 0.0824
CMYK	0.45, 0.00, 0.02, 0.07
HSL	178°, 76%, 73%
HSV	178°, 45%, 93%
XYZ	54.9415, 71.9951, 88.8426
YIQ	205.8500, -61.8920, -23.7160

Conversions

Conversions Part 2

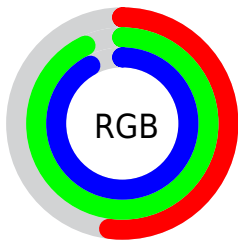
Format	Color
RYB	132, 186, 238
Decimal	8711914
CIELab	87.97, -31.62, -7.64
CIElCh	88, 32.531, 193.577
Yxy	71.9951, 0.2546, 0.3337
Android (android.graphics.Color)	4286901994 (0xFF84EEEA)
YUV	205.8500, 13.8780, -64.7664
Hunter-Lab	84.8499, -32.9061, -2.6850

Details

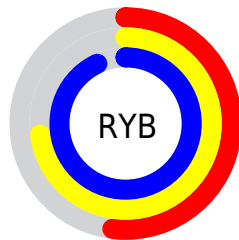
The Hex color **84EEEE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EE8488**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **BFFFFFF**, and **48B6B2** is the 20% darker color. If you saturate the color by 10%, you get **6CEEE9**, and if you desaturate by 10%, it is **9CEEEB**.

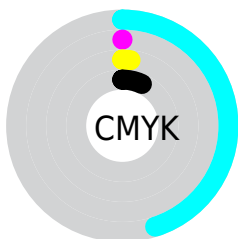
Distribution



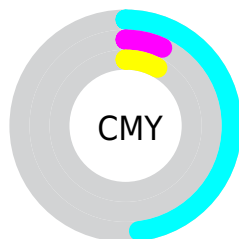
- Red (52%)
- Green (93%)
- Blue (92%)



- Red (52%)
- Yellow (73%)
- Blue (93%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 84EEEE

 84EEEE

FFFFFF

 67D2CE

 BFFFFFF

 48B6B2

 DCFFFF

 249B98

 FAFFFF

 00807E

 006765

 004E4D

 003736

 002321

 00000A

 84EEEE

 84EEEE

 6CEEE9

 9CEEEB

 54EEEE

 B4EEEE

 3DEEE7

 CBEEEE

 25EEEE

 E3EEEE

 0DEEE6

 FBEEEE

 00EEEE

 FFEEEF

 FFEEF0

 FFEEF1

 FFEEF2

Harmonies

Analogous

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



9FEDCA



84EEEE



82EBFF

Triad

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



84EEEA



F3D0FF



FFD5A2

Complementary

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



84EEEA



EE8488

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.



FFCBB3



84EEEA



FFC8EF

Square

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



84EEEA



CADBFF



FFC6CF



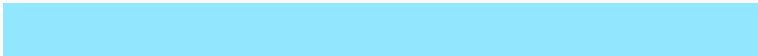
E5DFA0

Rectangle

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



84EEEA



92E7FF



FFC6CF



FFD1A6

Sweetspot

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



84EEEA



DEFFFE



89EE84



6B807F



000000



808080

Same Dimension

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



84EEEA



78FFFA



84BEEE



6C7877



00B8B1



003836

Inverse Universe

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



EE8488



FF787D



EEB484



786C6C



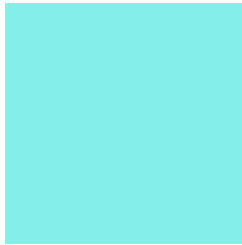
B80007



380002

Previews

White Background



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

Color Contrast Check

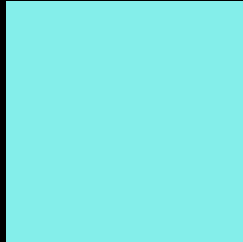
Large Text (above 18pt) WCAG AA × Fail

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 84EEEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

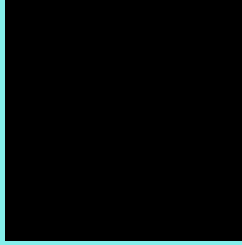
Any Text WCAG AA ✓ Pass

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 84EEEA Background



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

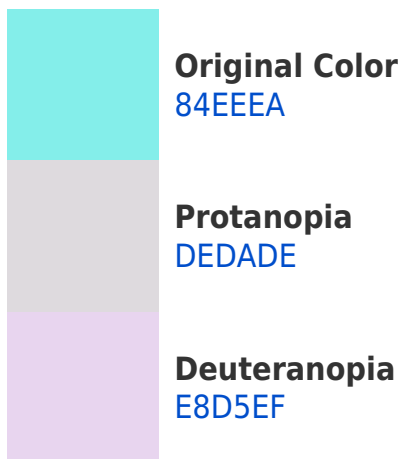


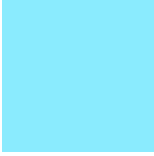
This preview shows how white text looks on a background with the Hex color 84EEEA.

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
8AEBFE

Trichromacy



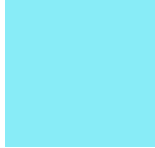
Original Color
84EEEA



Protanomaly
BDE1E2



Deuteranomaly
C4DEED

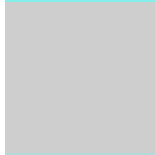


Tritanomaly
88ECF7

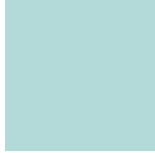
Monochromacy



Original Color
84EEEA



Achromatopsia
CECECE



Achromatomaly
B3DAD8

CSS Examples

Text

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

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

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 #84EEEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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