

Converting Colors

Hex(84E9D4)

Have a look what the booklet for
Hex(84E9D4) contains.

Hex(84E9D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(84E9D4)

Conversions

Conversions Part 1

Format	Color
Hex	84E9D4
RGB	132, 233, 212
RGB Percent	52%, 91%, 83%
CMY	0.4824, 0.0863, 0.1686
CMYK	0.43, 0.00, 0.09, 0.09
HSL	168°, 70%, 72%
HSV	168°, 43%, 91%
XYZ	50.5383, 67.9368, 72.7368
YIQ	200.4070, -53.4550, -27.9430

Conversions

Conversions Part 2

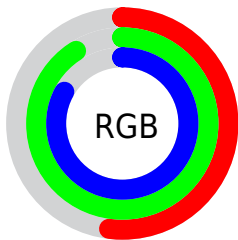
Format	Color
RYB	132, 188, 233
Decimal	8710612
CIELab	85.97, -34.48, 0.98
CIELCh	86, 34.490, 178.365
Yxy	67.9368, 0.2643, 0.3553
Android (android.graphics.Color)	4286900692 (0xFF84E9D4)
YUV	200.4070, 5.7153, -59.9929
Hunter-Lab	82.4238, -34.7941, 5.3748

Details

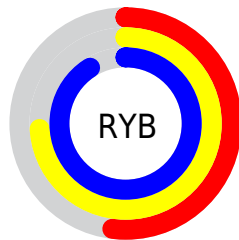
The Hex color **84E9D4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E98499**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **BEFFFF**, and **4AB19D** is the 20% darker color. If you saturate the color by 10%, you get **6DE9CF**, and if you desaturate by 10%, it is **9BE9D9**.

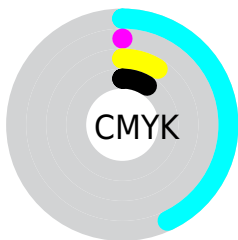
Distribution



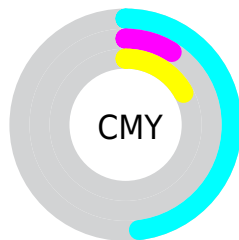
- Red (52%)
- Green (91%)
- Blue (83%)



- Red (52%)
- Yellow (74%)
- Blue (91%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (48%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E9D4 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 84E9D4 by changing the saturation by 10% instead.

 84E9D4

 84E9D4

FFFFFF

 67CDB8

 BEFFFF

 4AB19D

 DBFFFF

 2A9683

 F9FFFF

 007C6A

 006252

 004A3B

 003226

 001E11

 000000

 84E9D4

 84E9D4

 6DE9CF

 9BE9D9

 55E9CA

 B3E9DE

 3EE9C5

 CAE9E3

 27E9C1

 E1E9E7

 10E9BC

 F9E9EC

 00E9B9

 FFE9F1

 FFE9F6

 FFE9FB

 FFE9FF

Harmonies

Analogous

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



A8E6B4



84E9D4



70E8F5

Triad

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



84E9D4



D9CFFF



FFC9A0

Complementary

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



84E9D4



E98499

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.



FFC1BA



84E9D4



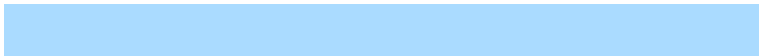
FFC5FA

Square

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



84E9D4



AADBFF



FFBFDA



F0D496

Rectangle

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



84E9D4



76E6FF



FFBFDA



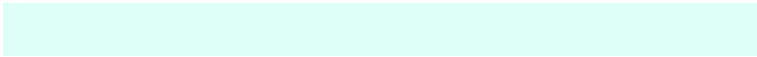
FFC6A8

Sweetspot

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



84E9D4



DEFFF8



9AE984



6B807B



000000



808080

Same Dimension

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



84E9D4



7AFFE3



84CCE9



6A7573



00B58F



00362A

Inverse Universe

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



E98499



FF7A96



E9A184



756A6C



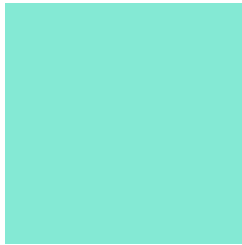
B50026



36000B

Previews

White Background



This preview shows how the Hex color 84E9D4 looks on a white background.

Color Contrast Check

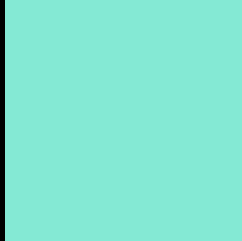
Large Text (above 18pt) WCAG AA × Fail

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 84E9D4 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 84E9D4 Background



This preview shows how black text looks on a background with the Hex color 84E9D4.

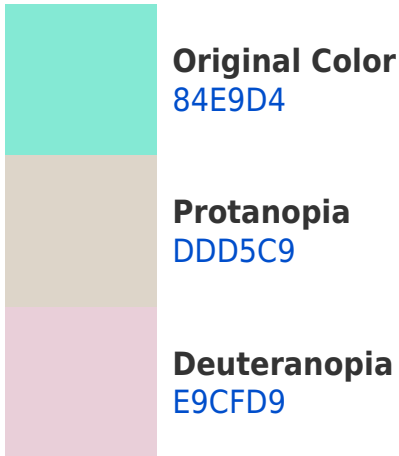


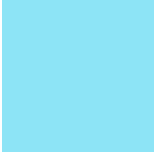
This preview shows how white text looks on a background with the Hex color 84E9D4.

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
8DE4F6

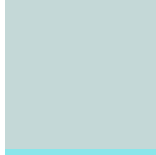
Trichromacy



Original Color
84E9D4



Protanomaly
BDDCCD



Deuteranomaly
C4D8D7

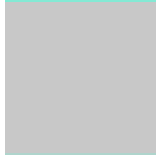


Tritanomaly
8AE6EA

Monochromacy



Original Color
84E9D4



Achromatopsia
C8C8C8



Achromatomaly
AFD4CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 84E9D4 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 #84E9D4 looks like.

```
.text, #text, p{  
    color:#84E9D4  
}
```

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 #84E9D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E9D4  
}
```

Border

The CSS property to change the border of an element to Hex 84E9D4 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  
#84E9D4 }
```

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

```
.border{ border-color:#84E9D4 }
```

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

Here you see how a box with a 4 pixel #84E9D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E9D4; -webkit-box-shadow:4px 4px  
4px 4px #84E9D4; box-shadow:4px 4px 4px  
4px #84E9D4 }
```

Background

The CSS property to change the background color of an element to Hex 84E9D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E9D4 }
```

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

```
.background{ background-color:#84E9D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor