

Converting Colors

Hex(84E8D2)

Have a look what the booklet for
Hex(84E8D2) contains.

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Color

Hex(84E8D2)

Conversions

Conversions Part 1

Format	Color
Hex	84E8D2
RGB	132, 232, 210
RGB Percent	52%, 91%, 82%
CMY	0.4824, 0.0902, 0.1765
CMYK	0.43, 0.00, 0.09, 0.09
HSL	167°, 68%, 71%
HSV	167°, 43%, 91%
XYZ	50.0052, 67.2719, 71.3220
YIQ	199.5920, -52.5380, -28.0420

Conversions

Conversions Part 2

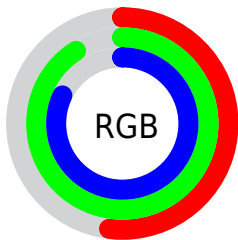
Format	Color
RYB	132, 188, 232
Decimal	8710354
CIELab	85.64, -34.47, 1.55
CIELCh	86, 34.502, 177.426
Yxy	67.2719, 0.2651, 0.3567
Android (android.graphics.Color)	4286900434 (0xFF84E8D2)
YUV	199.5920, 5.1311, -59.2782
Hunter-Lab	82.0195, -34.7071, 5.8566

Details

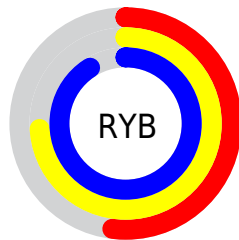
The Hex color **84E8D2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E8849A**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **BDFFFF**, and **4AB09C** is the 20% darker color. If you saturate the color by 10%, you get **6DE8CD**, and if you desaturate by 10%, it is **9BE8D7**.

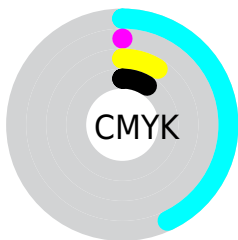
Distribution



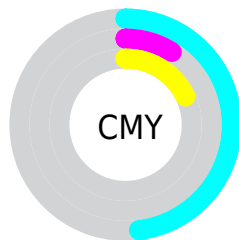
- Red (52%)
- Green (91%)
- Blue (82%)



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



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



- Cyan (48%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E8D2 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 84E8D2 by changing the saturation by 10% instead.

 84E8D2

 84E8D2

FFFFFF

 67CCB6

 BDFFFF

 4AB09C

 DBFFFF

 2A9582

 F8FFFF

 007B69

 006150

 00493A

 003124

 001D0F

 000000

 84E8D2

 84E8D2

 6DE8CD

 9BE8D7

 56E8C8

 B2E8DC

 3EE8C3

 CAE8E1

 27E8BE

 E1E8E6

 10E8B8

 F8E8EC

 00E8B5

 FFE8F1

 FFE8F6

 FFE8FB

 FFE8FF

Harmonies

Analogous

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



A8E4B2



84E8D2



6FE7F3

Triad

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



84E8D2



D7CFFF



FFC8A0

Complementary

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



84E8D2



E8849A

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.



FFC0BA



84E8D2



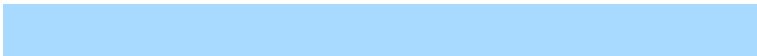
FDC4FA

Square

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



84E8D2



A8DAFF



FFBEDA



F0D395

Rectangle

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



84E8D2



74E5FF



FFBEDA



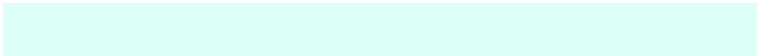
FFC5A7

Sweetspot

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



84E8D2



DEFFF8



9BE884



6B807B



000000



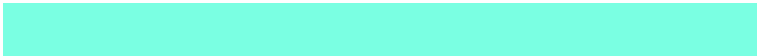
808080

Same Dimension

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



84E8D2



7AFFE2



84CDE8



677370



00B38B



003328

Inverse Universe

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



E8849A



FF7A98



E89F84



73676A



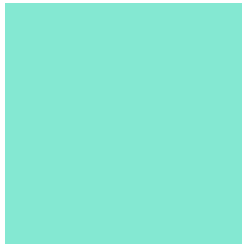
B30027



33000B

Previews

White Background



This preview shows how the Hex color 84E8D2 looks on a white background.

Color Contrast Check

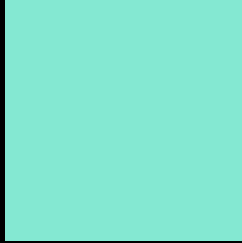
Large Text (above 18pt) WCAG AA × Fail

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 84E8D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

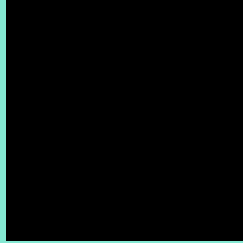
Any Text WCAG AA ✓ Pass

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 84E8D2 Background



This preview shows how black text looks on a background with the Hex color 84E8D2.



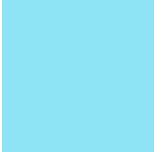
This preview shows how white text looks on a background with the Hex color 84E8D2.

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
8EE3F5

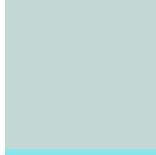
Trichromacy



Original Color
84E8D2



Protanomaly
BCDBCB



Deuteranomaly
C4D7D5



Tritanomaly
8AE5E8

Monochromacy



Original Color
84E8D2



Achromatopsia
C8C8C8



Achromatomaly
AFD4CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 84E8D2 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 #84E8D2 looks like.

```
.text, #text, p{  
    color:#84E8D2  
}
```

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 #84E8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E8D2
}
```

Border

The CSS property to change the border of an element to Hex 84E8D2 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
#84E8D2 }
```

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

```
.border{ border-color:#84E8D2 }
```

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

Here you see how a box with a 4 pixel #84E8D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E8D2; -webkit-box-shadow:4px 4px  
4px 4px #84E8D2; box-shadow:4px 4px 4px  
4px #84E8D2 }
```

Background

The CSS property to change the background color of an element to Hex 84E8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E8D2 }
```

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

```
.background{ background-color:#84E8D2 }
```

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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