

Converting Colors

Hex(84DCEE)

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

Hex(84DCEE)	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(84DCEE)

Conversions

Conversions Part 1

Format	Color
Hex	84DCEE
RGB	132, 220, 238
RGB Percent	52%, 86%, 93%
CMY	0.4824, 0.1373, 0.0667
CMYK	0.45, 0.08, 0.00, 0.07
HSL	190°, 76%, 73%
HSV	190°, 45%, 93%
XYZ	50.5415, 62.2650, 90.2434
YIQ	195.7400, -58.2260, -13.0580

Conversions

Conversions Part 2

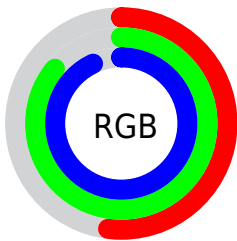
Format	Color
RYB	132, 180, 238
Decimal	8707310
CIELab	83.05, -21.88, -17.08
CIElCh	83, 27.758, 217.984
Yxy	62.2650, 0.2489, 0.3066
Android (android.graphics.Color)	4286897390 (0xFF84DCEE)
YUV	195.7400, 20.8342, -55.9000
Hunter-Lab	78.9082, -23.7581, -12.5714

Details

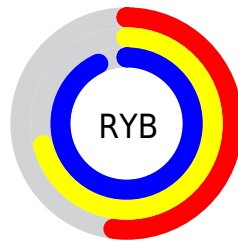
The Hex color **84DCEE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE9684**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BEFFFF**, and **49A5B6** is the 20% darker color. If you saturate the color by 10%, you get **6CD8EE**, and if you desaturate by 10%, it is **9CE0EE**.

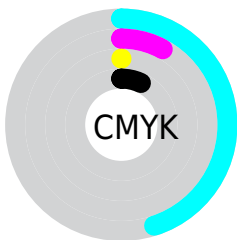
Distribution



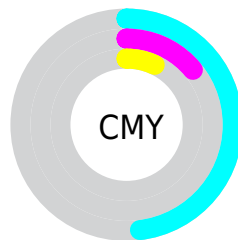
- Red (52%)
- Green (86%)
- Blue (93%)



- Red (52%)
- Yellow (71%)
- Blue (93%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 84DCEE

 84DCEE

FFFFFF

 67C0D2

 BEFFFF

 49A5B6

 DBFFFF

 288A9B

 F9FFFF

 007181

 005868

 004050

 002A39

 001424

 00000C

 84DCEE

 84DCEE

 6CD8EE

 9CE0EE

 54D4EE

 B4E4EE

 3DD0EE

 CBE8EE

 25CCEE

 E3ECEE

 0DC8EE

 FBF0EE

 00C6EE

 FFF4EE

 FFF8EE

 FFFCEE

 FFFFEE

Harmonies

Analogous

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



8ADED5



84DCEE



97D7FE

Triad

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



84DCEE



F6BFE3



DBC99B

Complementary

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



84DCEE



EE9684

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.



F3C79F



84DCEE



FFBCC9

Square

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



84DCEE



DCC6F8



FFBF00



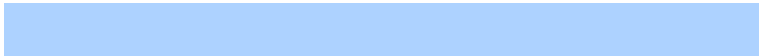
BED7A5

Rectangle

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



84DCEE



ADD2FF



FFBFB0



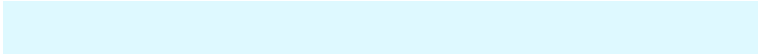
E4CC9B

Sweetspot

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



84DCEE



DEF9FF



84EE96



6B7C80



000000



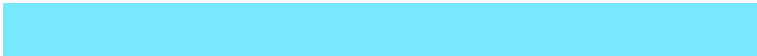
808080

Same Dimension

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



84DCEE



78E8FF



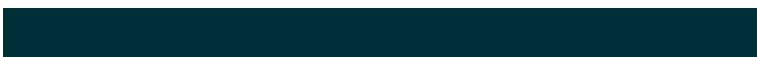
84A7EE



6C7678



0098B8



002F38

Inverse Universe

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



EE84DC



FF78E8



EECB84



786C76



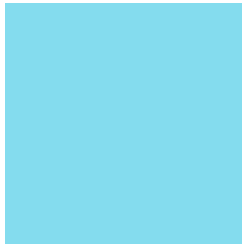
B80098



38002F

Previews

White Background



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

Color Contrast Check

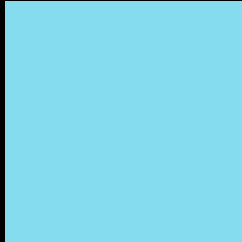
Large Text (above 18pt) WCAG AA × Fail

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 84DCEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

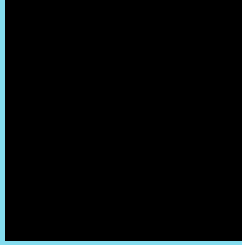
Any Text WCAG AA ✓ Pass

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 84DCEE Background



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

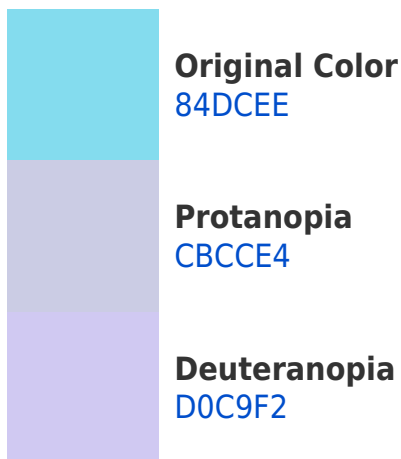


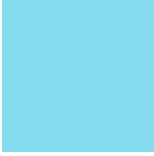
This preview shows how white text looks on a background with the Hex color 84DCEE.

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](#).

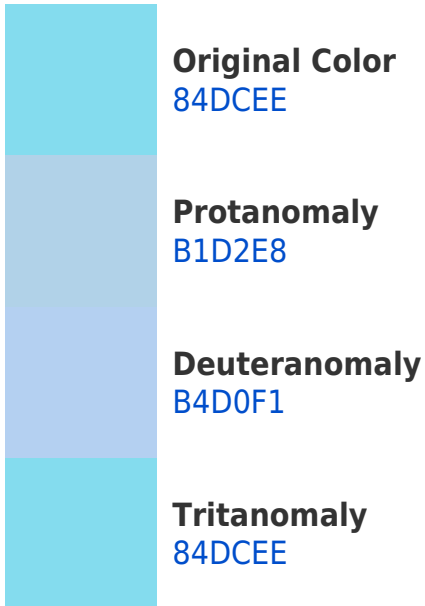
Dichromacy



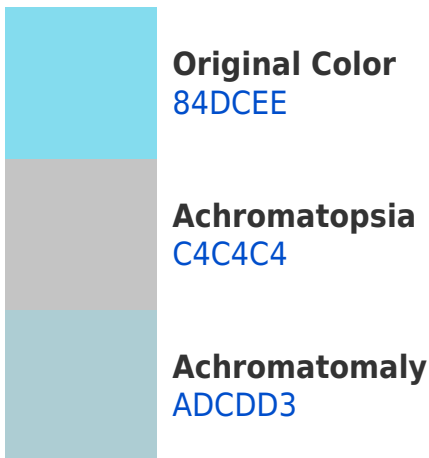


Tritanopia
84DCEE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84DCEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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