

Converting Colors

Hex(86CE96)

Have a look what the booklet for
Hex(86CE96) contains.

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Color

Hex(86CE96)

Conversions

Conversions Part 1

Format	Color
Hex	86CE96
RGB	134, 206, 150
RGB Percent	53%, 81%, 59%
CMY	0.4745, 0.1922, 0.4118
CMYK	0.35, 0.00, 0.27, 0.19
HSL	133°, 42%, 67%
HSV	133°, 35%, 81%
XYZ	37.4078, 51.4130, 36.8063
YIQ	178.0880, -24.9360, -32.6800

Conversions

Conversions Part 2

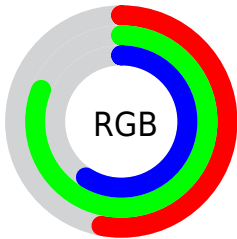
Format	Color
RYB	134, 193, 206
Decimal	8834710
CIELab	76.93, -34.13, 20.90
CIELCh	77, 40.025, 148.521
Yxy	51.4130, 0.2978, 0.4093
Android (android.graphics.Color)	4287024790 (0xFF86CE96)
YUV	178.0880, -13.8474, -38.6652
Hunter-Lab	71.7028, -32.3553, 19.7574

Details

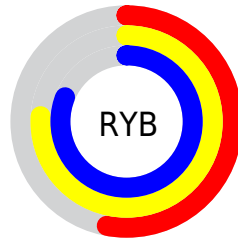
The Hex color **86CE96** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE86BE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BDFCC**, and **519763** is the 20% darker color. If you saturate the color by 10%, you get **71CE86**, and if you desaturate by 10%, it is **9BCEA6**.

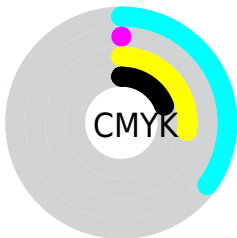
Distribution



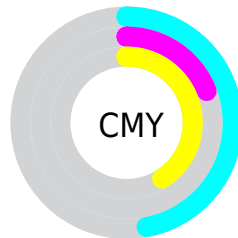
- Red (53%)
- Green (81%)
- Blue (59%)



- Red (53%)
- Yellow (76%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (19%)



- Cyan (47%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CE96 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 86CE96 by changing the saturation by 10% instead.

 86CE96

 86CE96

FFFFFF

 6BB27C

 BDFECC

 519763

 DAFEE9

 367D4B


 F7FFFF

 1A6434

 004B1E

 003407

 002000

 000000

 86CE96

 86CE96

 71CE86

 9BCEA6

 5DCE76

 AFCEB6

 48CE66

 C4CEC6

 34CE56

 D8CED6

 1FCE46

 EDCEE6

 0ACE36

 FFCEF6

 00CE2E

 FFCEFF

Harmonies

Analogous

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



B2C67C



86CE96



55D2BB

Triad

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



86CE96



85C2FF



FFA49C

Complementary

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



86CE96



CE86BE

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.



FFA1C1



86CE96



C0B5FF

Square

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



86CE96



45CCFC



EBA8E5



F6AE80

Rectangle

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



86CE96



33D2D4



EBA8E5



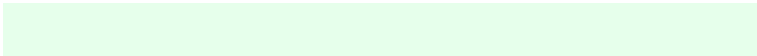
FFA2A8

Sweetspot

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



86CE96



E6FFEB



BECE86



708074



000000



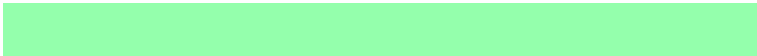
808080

Same Dimension

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



86CE96



94FFAC



86CEBA



5C665E



00A625



002609

Inverse Universe

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



CE86BE



FF94E7



CE869A



665C64



A60081



26001E

Previews

White Background



This preview shows how the Hex color 86CE96 looks on a white background.

Color Contrast Check

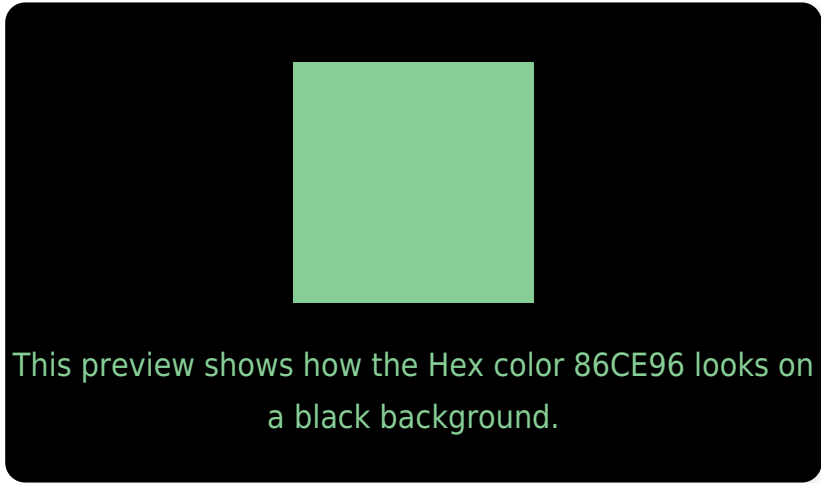
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

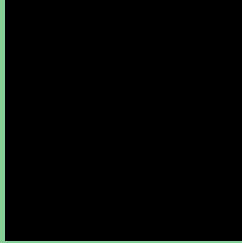
Any Text WCAG AA ✓ Pass

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 86CE96 Background



This preview shows how black text looks on a background with the Hex color 86CE96.

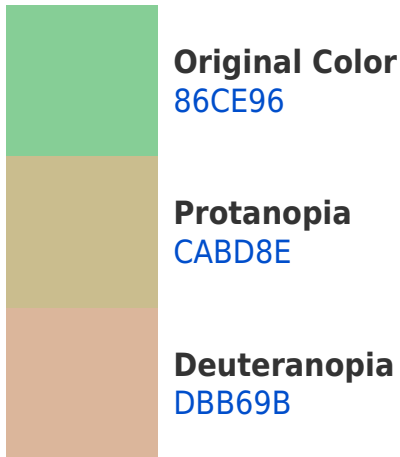


This preview shows how white text looks on a background with the Hex color 86CE96.

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
93C6D6

Trichromacy



Original Color
86CE96



Protanomaly
B1C391



Deuteranomaly
BCBF99



Tritanomaly
8EC9BF

Monochromacy



Original Color
86CE96



Achromatopsia
B2B2B2



Achromatomaly
A2BCA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 86CE96 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 #86CE96 looks like.

```
.text, #text, p{  
    color:#86CE96  
}
```

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 #86CE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CE96
}
```

Border

The CSS property to change the border of an element to Hex 86CE96 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
#86CE96 }
```

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

```
.border{ border-color:#86CE96 }
```

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

Here you see how a box with a 4 pixel #86CE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CE96; -webkit-box-shadow:4px 4px  
4px 4px #86CE96; box-shadow:4px 4px 4px  
4px #86CE96 }
```

Background

The CSS property to change the background color of an element to Hex 86CE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CE96 }
```

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

```
.background{ background-color:#86CE96 }
```

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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