

Converting Colors

Hex(86D898)

Have a look what the booklet for
Hex(86D898) contains.

Hex(86D898)	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(86D898)

Conversions

Conversions Part 1

Format	Color
Hex	86D898
RGB	134, 216, 152
RGB Percent	53%, 85%, 60%
CMY	0.4745, 0.1529, 0.4039
CMYK	0.38, 0.00, 0.30, 0.15
HSL	133°, 51%, 69%
HSV	133°, 38%, 85%
XYZ	40.0549, 56.4471, 38.4900
YIQ	184.1860, -28.3280, -37.2880

Conversions

Conversions Part 2

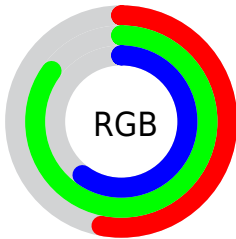
Format	Color
RYB	134, 201, 216
Decimal	8837272
CIELab	79.87, -38.36, 23.87
CIELCh	80, 45.180, 148.100
Yxy	56.4471, 0.2967, 0.4182
Android (android.graphics.Color)	4287027352 (0xFF86D898)
YUV	184.1860, -15.8677, -44.0131
Hunter-Lab	75.1313, -36.3156, 22.2174

Details

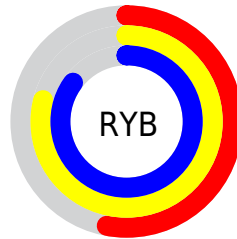
The Hex color **86D898** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D886C6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BEFFCF**, and **50A165** is the 20% darker color. If you saturate the color by 10%, you get **70D887**, and if you desaturate by 10%, it is **9CD8A9**.

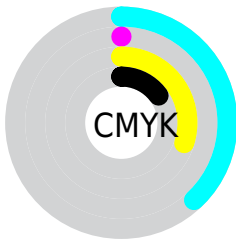
Distribution



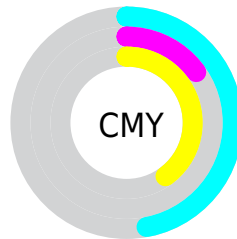
- Red (53%)
- Green (85%)
- Blue (60%)



- Red (53%)
- Yellow (79%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D898 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 86D898 by changing the saturation by 10% instead.



86D898



86D898

FFFFFF



6BBC7E



BEFFCF



50A165



DBFFEB



34864C



F8FFFF



146C35



00531E



003B08



002600



000000



86D898



86D898

 70D887

 9CD8A9

 5BD876

 B1D8BA

 45D865

 C7D8CB

 30D855

 DCD8DB

 1AD844

 F2D8EC

 04D833

 FFD8FD

 00D82F

 FFD8FF

Harmonies

Analogous

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



B8CF7A



86D898



47DCC2

Triad

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



86D898



81CBFF



FFA8A0

Complementary

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



86D898



D886C6

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.



FFA5CA



86D898



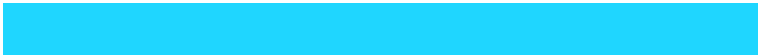
C6BCFF

Square

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



86D898



1FD6FF



F8ADF3



FFB480

Rectangle

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



86D898



00DCDF



F8ADF3



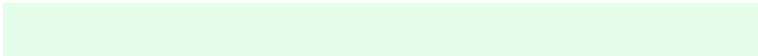
FFA6AE

Sweetspot

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



86D898



E3FFE9



C6D886



6F8073



000000



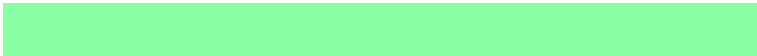
808080

Same Dimension

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



86D898



8AFFA3



86D8C1



606B63



00AB26



002B0A

Inverse Universe

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



D886C6



FF8AE5



D8869D



6B6069



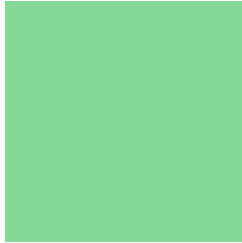
AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 86D898 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 86D898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

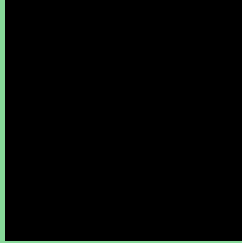
Any Text WCAG AA ✓ Pass

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 86D898 Background



This preview shows how black text looks on a background with the Hex color 86D898.

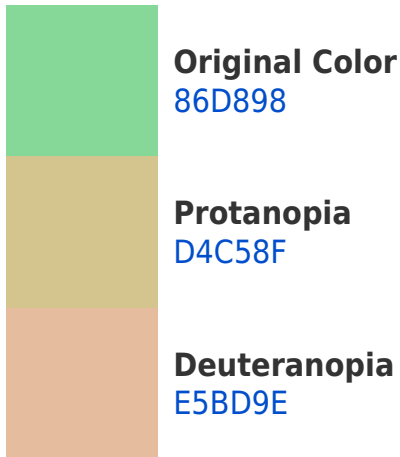


This preview shows how white text looks on a background with the Hex color 86D898.

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](#).

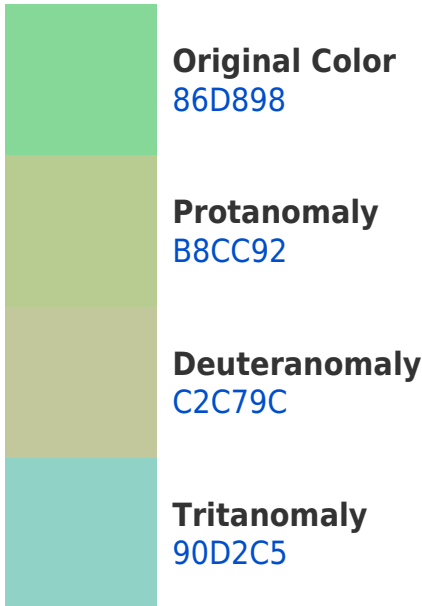
Dichromacy



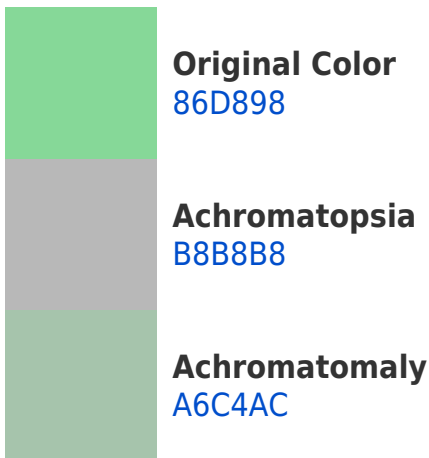


Tritanopia
95CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86D898 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 #86D898 looks like.

```
.text, #text, p{  
    color:#86D898  
}
```

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 #86D898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D898
}
```

Border

The CSS property to change the border of an element to Hex 86D898 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
#86D898 }
```

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

```
.border{ border-color:#86D898 }
```

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

Here you see how a box with a 4 pixel #86D898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D898; -webkit-box-shadow:4px 4px  
4px 4px #86D898; box-shadow:4px 4px 4px  
4px #86D898 }
```

Background

The CSS property to change the background color of an element to Hex 86D898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D898 }
```

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

```
.background{ background-color:#86D898 }
```

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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