

Converting Colors

Hex(87DFA6)

Have a look what the booklet for
Hex(87DFA6) contains.

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Color

Hex(87DFA6)

Conversions

Conversions Part 1

Format	Color
Hex	87DFA6
RGB	135, 223, 166
RGB Percent	53%, 87%, 65%
CMY	0.4706, 0.1255, 0.3490
CMYK	0.39, 0.00, 0.26, 0.13
HSL	141°, 58%, 70%
HSV	141°, 39%, 87%
XYZ	43.2623, 60.6794, 45.5085
YIQ	190.1900, -34.1510, -36.3830

Conversions

Conversions Part 2

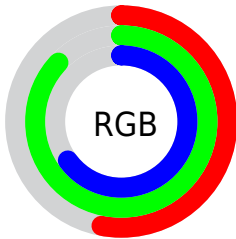
Format	Color
RYB	135, 200, 223
Decimal	8904614
CIELab	82.21, -38.69, 19.79
CIELCh	82, 43.453, 152.912
Yxy	60.6794, 0.2895, 0.4060
Android (android.graphics.Color)	4287094694 (0xFF87DFA6)
YUV	190.1900, -11.9257, -48.4016
Hunter-Lab	77.8970, -37.1848, 19.8898

Details

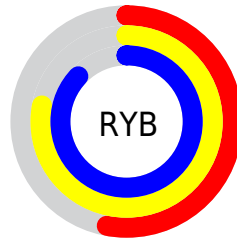
The Hex color **87DFA6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DF87C0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BFFFDD**, and **50A772** is the 20% darker color. If you saturate the color by 10%, you get **71DF98**, and if you desaturate by 10%, it is **9DDFB4**.

Distribution



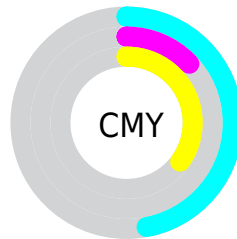
- Red (53%)
- Green (87%)
- Blue (65%)



- Red (53%)
- Yellow (78%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87DFA6 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 87DFA6 by changing the saturation by 10% instead.

 87DFA6

 87DFA6

FFFFFF

 6BC38C

 BFFFDD

 50A772

 DCFFFA

 348C59

 F9FFFF

 117241

 00592B

 004115


 002B00

 000E00

 000000

 87DFA6

 87DFA6

 71DF98

 9DDFB4

 5ADF89

 B4DFC3

 44DF7B


 CADFD1

 2EDF6C

 E0DFE0

 18DF5E

 F7DFEE

 01DF4F

 FFDFFD

 00DF4F

 FFDFFF

Harmonies

Analogous

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



B8D787



87DFA6



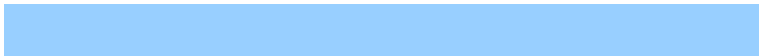
4EE2CF

Triad

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



87DFA6



98CFFF



FFB1A2

Complementary

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



87DFA6



DF87C0

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.



FFADCA



87DFA6



D6C0FF

Square

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



87DFA6



4EDBFF



FFB3F2



FFBD85

Rectangle

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



87DFA6



22E2EB



FFB3F2



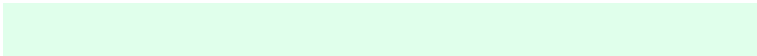
FFAEAF

Sweetspot

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



87DFA6



E0FFEB



C0DF87



6E8074



000000



808080

Same Dimension

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



87DFA6



87FFB1



87DFD2



657069



00B03E



003011

Inverse Universe

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



DF87C0



FF87D5



DF8794



70656C



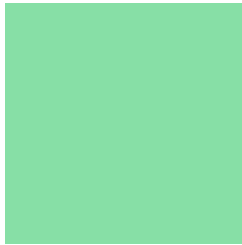
B00072



30001F

Previews

White Background



This preview shows how the Hex color 87DFA6 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 87DFA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

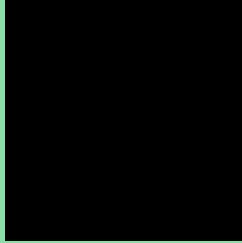
Any Text WCAG AA ✓ Pass

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 87DFA6 Background



This preview shows how black text looks on a background with the Hex color 87DFA6.

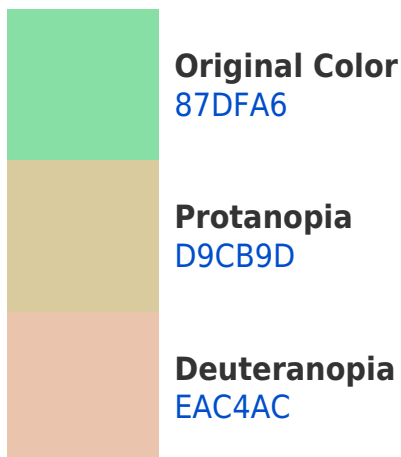


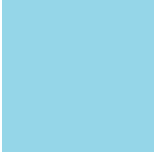
This preview shows how white text looks on a background with the Hex color 87DFA6.

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
95D6E8

Trichromacy



Original Color
87DFA6



Protanomaly
BBD2A0



Deuteranomaly
C6CEAA

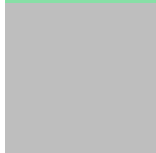


Tritanomaly
90D9D0

Monochromacy



Original Color
87DFA6



Achromatopsia
BEBEBE



Achromatomaly
AACAB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 87DFA6 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 #87DFA6 looks like.

```
.text, #text, p{  
    color:#87DFA6  
}
```

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 #87DFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87DFA6  
}
```

Border

The CSS property to change the border of an element to Hex 87DFA6 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  
#87DFA6 }
```

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

```
.border{ border-color:#87DFA6 }
```

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

Here you see how a box with a 4 pixel #87DFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87DFA6; -webkit-box-shadow:4px 4px  
4px 4px #87DFA6; box-shadow:4px 4px 4px  
4px #87DFA6 }
```

Background

The CSS property to change the background color of an element to Hex 87DFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87DFA6 }
```

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

```
.background{ background-color:#87DFA6 }
```

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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