

# Converting Colors

Hex(86D988)

Have a look what the booklet for  
Hex(86D988) contains.

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**Color**

**Hex(86D988)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86D988
RGB	134, 217, 136
RGB Percent	53%, 85%, 53%
CMY	0.4745, 0.1490, 0.4667
CMYK	0.38, 0.00, 0.37, 0.15
HSL	121°, 52%, 69%
HSV	121°, 38%, 85%
XYZ	39.0883, 56.4716, 32.1325
YIQ	182.9490, -23.4670, -42.7870

# Conversions

## Conversions Part 2

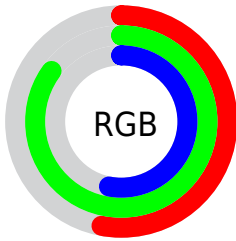
Format	Color
<a href="#">RYB</a>	<a href="#">134, 215, 217</a>
Decimal	<a href="#">8837512</a>
CIELab	<a href="#">79.88, -41.46, 32.16</a>
CIELCh	<a href="#">80, 52.467, 142.199</a>
Yxy	<a href="#">56.4716, 0.3061, 0.4422</a>
Android (android.graphics.Color)	<a href="#">4287027592</a> ( <a href="#">0xFF86D988</a> )
YUV	<a href="#">182.9490, -23.1459, -42.9283</a>
Hunter-Lab	<a href="#">75.1476, -38.6609, 27.2514</a>

# Details

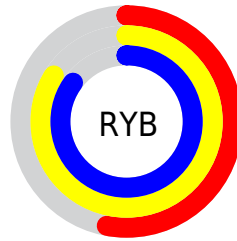
The Hex color **86D988** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D986D7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BEFFBE**, and **4FA155** is the 20% darker color. If you saturate the color by 10%, you get **70D973**, and if you desaturate by 10%, it is **9CD99D**.

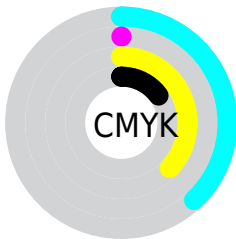
# Distribution



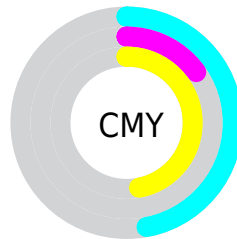
- Red (53%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 86D988 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 86D988 by changing the saturation by 10% instead.



 86D988

 86D988

FFFFFF

 6BBD6E


 BEFFBE

 4FA155

 DBFFDA

 33873D

 F8FFF7

 116D25

 00540D

 003C00

 002700

 000000

 86D988

 86D988

 70D973

 9CD99D

 5BD95E

 B1D9B2

 45D948

 C7D9C8

 2FD933

 DDD9DD

 1AD91E

 F3D9F2

 04D909

 FFD9FF

 00D905

# Harmonies

## Analogous

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



C0CE68



86D988



2CDFB7

# Triad

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



86D988



53CFFF



FFA0A4

# Complementary

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



86D988



D986D7

# 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.



FF9FD5



86D988



B6BEFF

# Square

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



86D988



00DAFF



F7ACFF



FFAD7A

# Rectangle

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



86D988



00DFD9



F7ACFF



FF9EB4

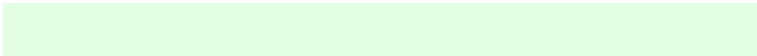


# Sweetspot

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



86D988



E3FFE4



D8D986



6F806F



000000



808080



# Same Dimension

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



86D988



8AFF8D



86D9B1



636E63



00AD04



002E01



# Inverse Universe

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



D986D7



FF8AFC



D986AE



6E636D



AD00A9

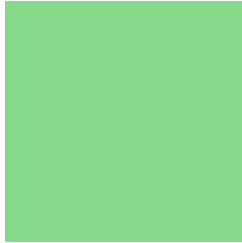


2E002D



# Previews

## White Background



This preview shows how the Hex color 86D988 looks on a white background.

## Color Contrast Check

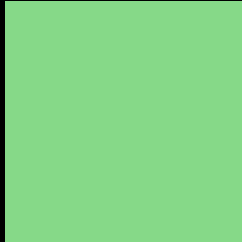
Large Text (above 18pt) WCAG AA × Fail

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 86D988 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

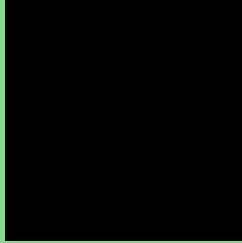
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86D988 Background



This preview shows how black text looks on a background with the Hex color 86D988.

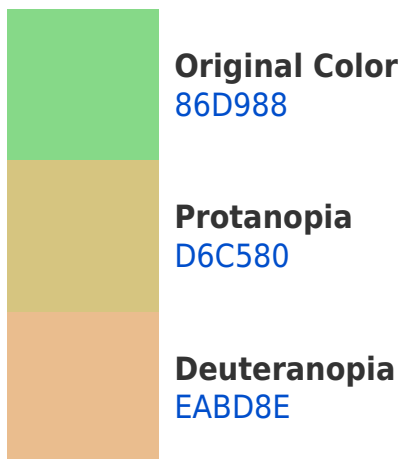


This preview shows how white text looks on a background with the Hex color 86D988.

# 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



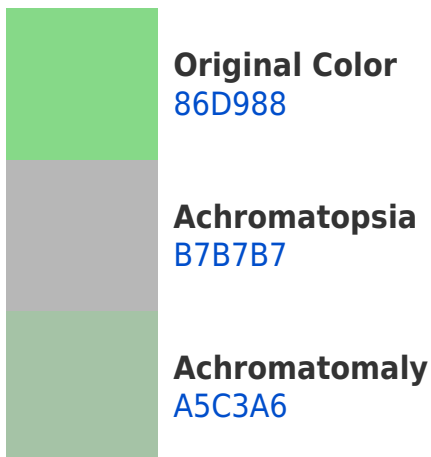


**Tritanopia**  
97CEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86D988 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 #86D988 looks like.

```
.text, #text, p{  
    color:#86D988  
}
```

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 #86D988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D988
}
```

## Border

The CSS property to change the border of an element to Hex 86D988 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
#86D988 }
```

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

```
.border{ border-color:#86D988 }
```

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

Here you see how a box with a 4 pixel #86D988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D988; -webkit-box-shadow:4px 4px  
4px 4px #86D988; box-shadow:4px 4px 4px  
4px #86D988 }
```

# Background

The CSS property to change the background color of an element to Hex 86D988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D988 }
```

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

```
.background{ background-color:#86D988 }
```

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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