

Converting Colors

Hex(87DF7C)

Have a look what the booklet for
Hex(87DF7C) contains.

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Color

Hex(87DF7C)

Conversions

Conversions Part 1

Format	Color
Hex	87DF7C
RGB	135, 223, 124
RGB Percent	53%, 87%, 49%
CMY	0.4706, 0.1255, 0.5137
CMYK	0.39, 0.00, 0.44, 0.13
HSL	113°, 61%, 68%
HSV	113°, 44%, 87%
XYZ	40.0174, 59.3815, 28.4214
YIQ	185.4020, -20.6690, -49.4450

Conversions

Conversions Part 2

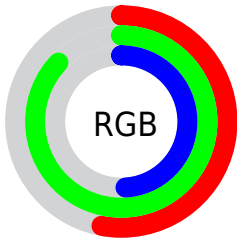
Format	Color
RYB	124, 223, 212
Decimal	8904572
CIELab	81.50, -45.51, 40.29
CIELCh	82, 60.782, 138.486
Yxy	59.3815, 0.3131, 0.4646
Android (android.graphics.Color)	4287094652 (0xFF87DF7C)
YUV	185.4020, -30.2712, -44.2026
Hunter-Lab	77.0594, -42.1577, 32.0739

Details

The Hex color **87DF7C** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D47CDF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C0FFB2**, and **4FA749** is the 20% darker color. If you saturate the color by 10%, you get **73DF66**, and if you desaturate by 10%, it is **9BDF92**.

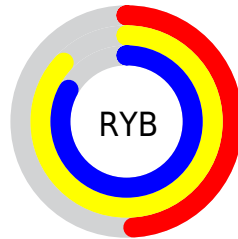
Distribution



Red (53%)

Green (87%)

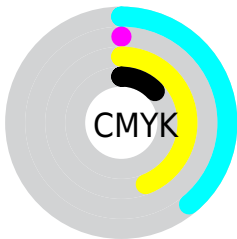
Blue (49%)



Red (49%)

Yellow (87%)

Blue (83%)

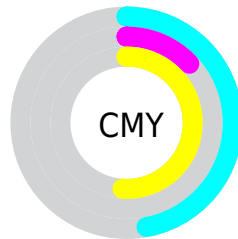


Cyan (39%)

Magenta (0%)

Yellow (44%)

Black (13%)



Cyan (47%)

Magenta (13%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87DF7C 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 87DF7C by changing the saturation by 10% instead.

 87DF7C

 87DF7C

FFFFFF

 6BC362

 C0FFB2

 4FA749

 DDFICE

 328C30

 FAFEEA

 0A7216

 005900

 004000

 002B00

 000A00

 000000

 87DF7C

 87DF7C

 73DF66

 9BDF92

 5FDF4F

 AFDFA9

 4CDF39

 C2DFBF

 38DF23

 D6DFD5

 24DF0D

 EADFEC

 19DF00

 FEDFFF

 FFDFFF

Harmonies

Analogous

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



C9D259



87DF7C



00E6B2

Triad

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



87DF7C



00D7FF



FF9BAA

Complementary

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



87DF7C



D47CDF

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.



FF9CE3



87DF7C



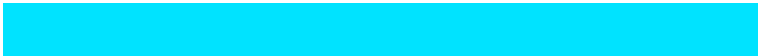
A9C4FF

Square

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



87DF7C



00E3FF



FBADFF



FFAB77

Rectangle

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



87DF7C



00E7D9



FBADFF



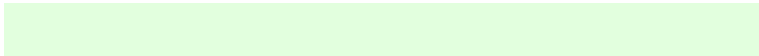
FF99BC

Sweetspot

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



87DF7C



E2FFDE



DFD37C



6D806B



000000



808080

Same Dimension

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



87DF7C



87FF78



7CDFA2



667065



14B000



053000

Inverse Universe

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



D47CDF



F078FF



DF7CB9



6F6570



9C00B0



2B0030

Previews

White Background



This preview shows how the Hex color 87DF7C 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 87DF7C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

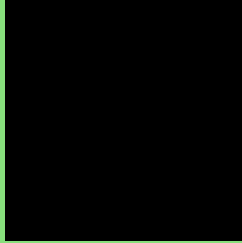
Any Text WCAG AA ✓ Pass

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 87DF7C Background



This preview shows how black text looks on a background with the Hex color 87DF7C.

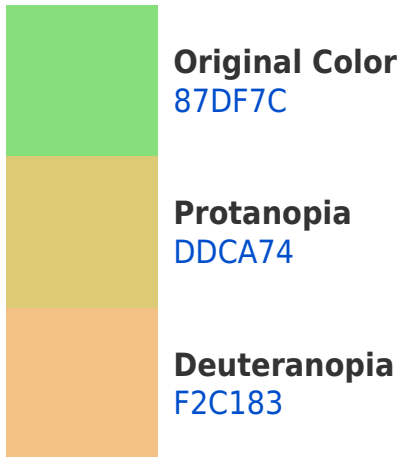


This preview shows how white text looks on a background with the Hex color 87DF7C.

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](#).

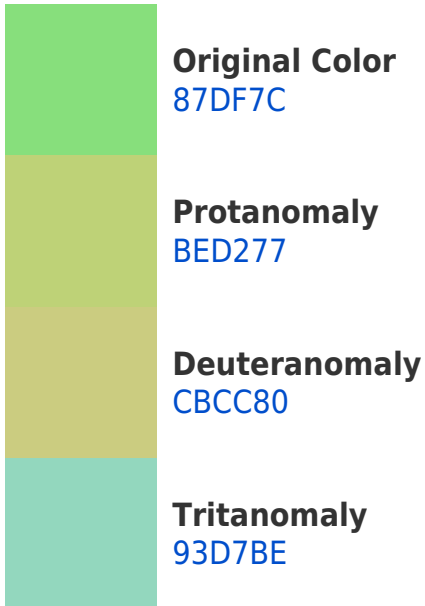
Dichromacy



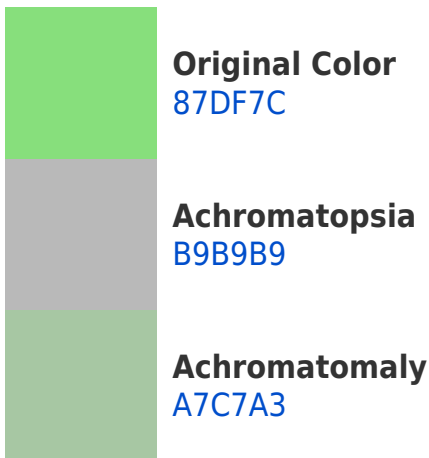


Tritanopia
9AD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87DF7C 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 #87DF7C looks like.

```
.text, #text, p{  
    color:#87DF7C  
}
```

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 #87DF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87DF7C
}
```

Border

The CSS property to change the border of an element to Hex 87DF7C 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
#87DF7C }
```

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

```
.border{ border-color:#87DF7C }
```

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

Here you see how a box with a 4 pixel #87DF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87DF7C; -webkit-box-shadow:4px 4px  
4px 4px #87DF7C; box-shadow:4px 4px 4px  
4px #87DF7C }
```

Background

The CSS property to change the background color of an element to Hex 87DF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87DF7C }
```

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

```
.background{ background-color:#87DF7C }
```

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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