

Converting Colors

Hex(89DB7B)

Have a look what the booklet for
Hex(89DB7B) contains.

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Color

Hex(89DB7B)

Conversions

Conversions Part 1

Format	Color
Hex	89DB7B
RGB	137, 219, 123
RGB Percent	54%, 86%, 48%
CMY	0.4627, 0.1412, 0.5176
CMYK	0.37, 0.00, 0.44, 0.14
HSL	111°, 57%, 67%
HSV	111°, 44%, 86%
XYZ	39.2232, 57.4115, 27.7531
YIQ	183.5380, -18.0560, -47.2400

Conversions

Conversions Part 2

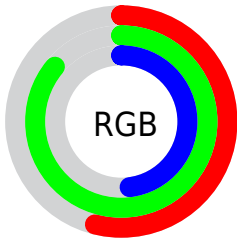
Format	Color
RYB	123, 219, 205
Decimal	9034619
CIELab	80.41, -43.31, 39.42
CIELCh	80, 58.561, 137.694
Yxy	57.4115, 0.3153, 0.4616
Android (android.graphics.Color)	4287224699 (0xFF89DB7B)
YUV	183.5380, -29.8452, -40.8138
Hunter-Lab	75.7704, -40.1960, 31.3225

Details

The Hex color **89DB7B** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CD7BDB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C1FFB1**, and **52A348** is the 20% darker color. If you saturate the color by 10%, you get **76DB65**, and if you desaturate by 10%, it is **9CDB91**.

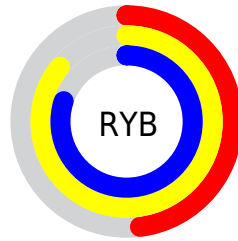
Distribution



Red (54%)

Green (86%)

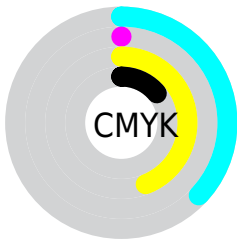
Blue (48%)



Red (48%)

Yellow (86%)

Blue (80%)

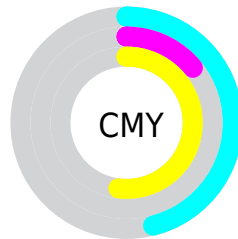


Cyan (37%)

Magenta (0%)

Yellow (44%)

Black (14%)



Cyan (46%)

Magenta (14%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89DB7B 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 89DB7B by changing the saturation by 10% instead.

 89DB7B

FFFFFF

 C1FFB1

 DEFFCD

 FCFE9

 89DB7B

 6DBF61

 52A348

 35892F

 136F16

 005600

 003D00

 002900

 000300

 000000

 89DB7B

 89DB7B

 76DB65

 9CDB91

 64DB4F

 AEDBA7

 51DB39

 C1DBBD

 3EDB23

 D4DBD3

 2BDB0D

 E7DBE9

 20DB00

 F9DBFE

 FFDBFF

Harmonies

Analogous

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



C8CF5A



89DB7B



0FE2AE

Triad

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



89DB7B



00D4FF



FF9AA9

Complementary

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



89DB7B



CD7BDB

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.



FF9CE0



89DB7B



A6C2FF

Square

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



89DB7B



00DFFF



F4ACFF



FFA879

Rectangle

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



89DB7B



00E3D4



F4ACFF



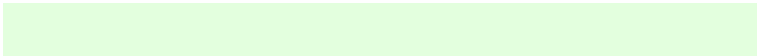
FF99BB

Sweetspot

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



89DB7B



E3FFDE



DBC7B



6E806B



000000



808080

Same Dimension

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



89DB7B



8CFF78



7BDB9D



646E63



19AD00



072E00

Inverse Universe

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



CD7BDB



EB78FF



DB7BB9



6C636E



9400AD



27002E

Previews

White Background



This preview shows how the Hex color 89DB7B 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 89DB7B 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 89DB7B Background



This preview shows how black text looks on a background with the Hex color 89DB7B.

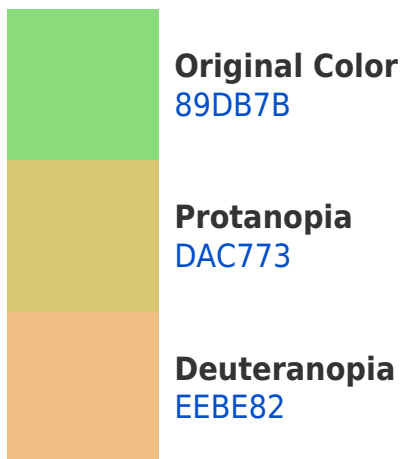


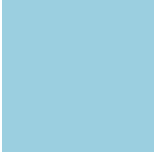
This preview shows how white text looks on a background with the Hex color 89DB7B.

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](#).

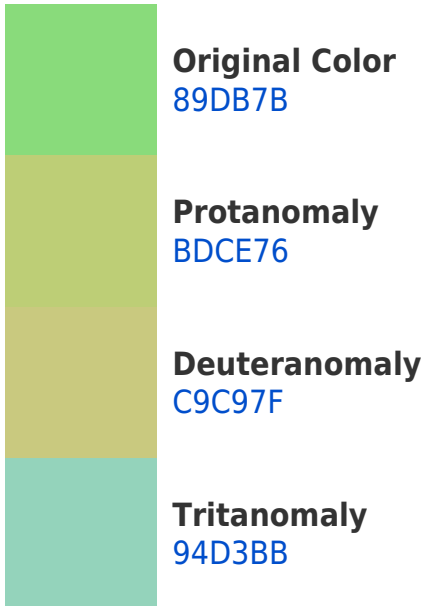
Dichromacy



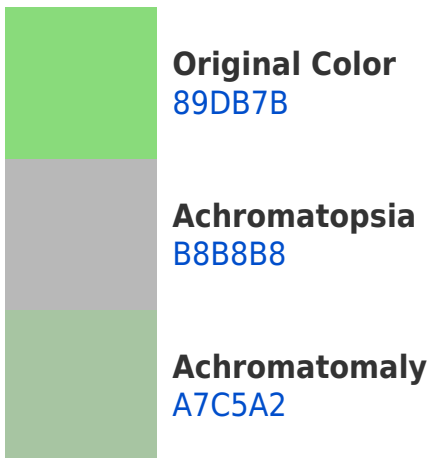


Tritanopia
9BCFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89DB7B 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 #89DB7B looks like.

```
.text, #text, p{  
    color:#89DB7B  
}
```

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 #89DB7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89DB7B
}
```

Border

The CSS property to change the border of an element to Hex 89DB7B 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
#89DB7B }
```

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

```
.border{ border-color:#89DB7B }
```

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

Here you see how a box with a 4 pixel #89DB7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89DB7B; -webkit-box-shadow:4px 4px  
4px 4px #89DB7B; box-shadow:4px 4px 4px  
4px #89DB7B }
```

Background

The CSS property to change the background color of an element to Hex 89DB7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89DB7B }
```

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

```
.background{ background-color:#89DB7B }
```

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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