

Converting Colors

Hex(87BFBF)

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

Hex(87BFBF)	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(87BFBF)

Conversions

Conversions Part 1

Format	Color
Hex	87BFBF
RGB	135, 191, 191
RGB Percent	53%, 75%, 75%
CMY	0.4706, 0.2510, 0.2510
CMYK	0.29, 0.00, 0.00, 0.25
HSL	180°, 30%, 64%
HSV	180°, 29%, 75%
XYZ	38.0264, 46.1741, 56.1985
YIQ	174.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

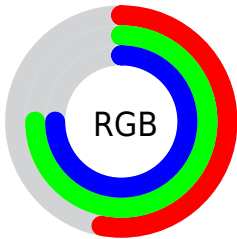
Format	Color
RYB	135, 163, 191
Decimal	8896447
CIELab	73.66, -18.03, -5.85
CIElCh	74, 18.955, 197.965
Yxy	46.1741, 0.2708, 0.3289
Android (android.graphics.Color)	4287086527 (0xFF87BFBF)
YUV	174.2560, 8.2548, -34.4275
Hunter-Lab	67.9515, -19.0245, -1.4690

Details

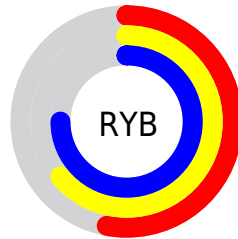
The Hex color **87BFBF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF8787**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BEF7F7**, and **53898A** is the 20% darker color. If you saturate the color by 10%, you get **74BFBF**, and if you desaturate by 10%, it is **9ABFBF**.

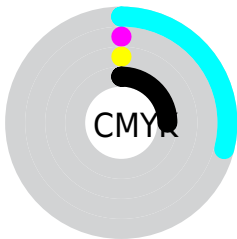
Distribution



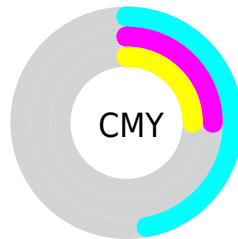
- Red (53%)
- Green (75%)
- Blue (75%)



- Red (53%)
- Yellow (64%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

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



87BFBF



87BFBF

FFFFFF



6CA4A4



BEF7F7



53898A



DAFFFF



397070



F7FFFF



1E5758



004041



00292B



001616



000000



87BFBF



87BFBF

74BFBF

9ABFBF

61BFBF

ADBFBF

4EBFBF

C0BFBF

3BBFBF

D3BFBF

28BFBF

E7BFBF

14BFBF

FABFBF

01BFBF

FFBFBF

00BFBF

Harmonies

Analogous

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



92BFAD



87BFBF



89BDCE

Triad

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



87BFBF



C5ADCC



C9B193

Complementary

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



87BFBF



BF8787

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.



D6AC9C



87BFBF



D4A9BD

Square

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



87BFBF



AFB3D6



DAA9AB



B7B794

Rectangle

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



87BFBF



92BAD5



DAA9AB



CEB095

Sweetspot

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



87BFBF



E1F7F7



87BF87



6F7D7D



FCFCFC



7D7D7D

Same Dimension

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



87BFBF



A1F7F7



87A3BF



555E5E



009E9E



001F1F

Inverse Universe

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



BF87BF



F7A1F7



BFA387



5E555E



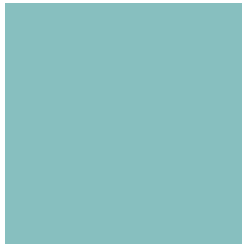
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 87BFBF looks on a white background.

Color Contrast Check

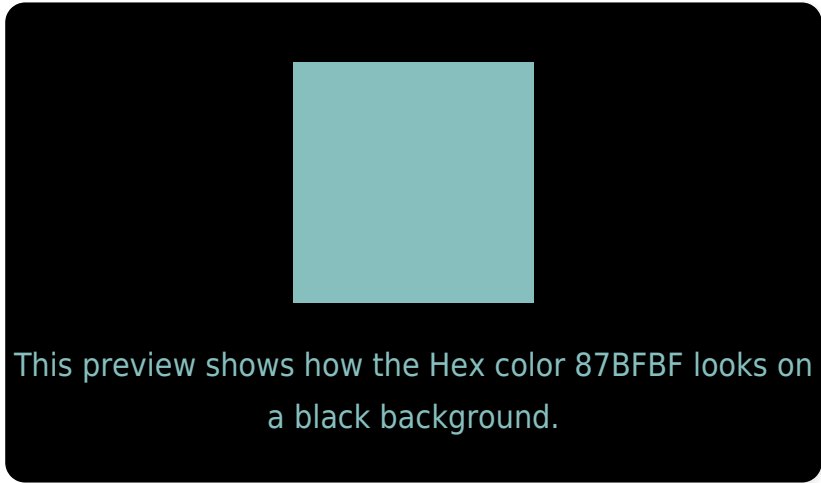
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

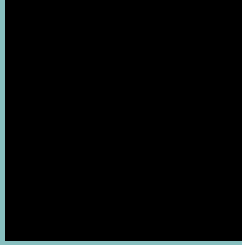
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

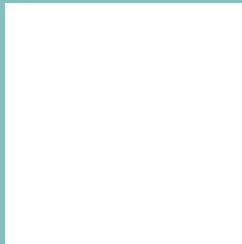
Any Text WCAG AAA ✓ Pass

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

Hex 87BFBF Background



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



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

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](#).

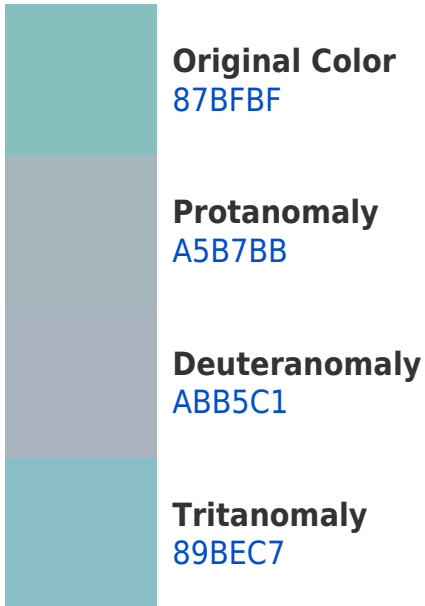
Dichromacy





Tritanopia
8ABDCC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87BFBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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