

Converting Colors

Hex(87ABC7)

Have a look what the booklet for
Hex(87ABC7) contains.

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Color

Hex(87ABC7)

Conversions

Conversions Part 1

Format	Color
Hex	87ABC7
RGB	135, 171, 199
RGB Percent	53%, 67%, 78%
CMY	0.4706, 0.3294, 0.2196
CMYK	0.32, 0.14, 0.00, 0.22
HSL	206°, 36%, 65%
HSV	206°, 32%, 78%
XYZ	34.8634, 38.4002, 59.6073
YIQ	163.4280, -30.4440, 1.0760

Conversions

Conversions Part 2

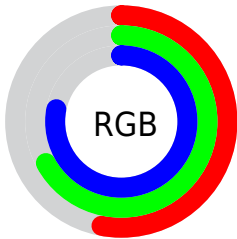
Format	Color
RYB	135, 158, 199
Decimal	8891335
CIELab	68.31, -5.51, -18.24
CIELCh	68, 19.054, 253.193
Yxy	38.4002, 0.2624, 0.2890
Android (android.graphics.Color)	4287081415 (0xFF87ABC7)
YUV	163.4280, 17.5370, -24.9314
Hunter-Lab	61.9679, -8.0191, -13.6539

Details

The Hex color **87ABC7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C7A387**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BEE2FF**, and **537791** is the 20% darker color. If you saturate the color by 10%, you get **73A2C7**, and if you desaturate by 10%, it is **9BB4C7**.

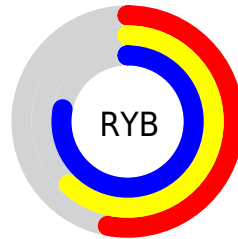
Distribution



Red (53%)

Green (67%)

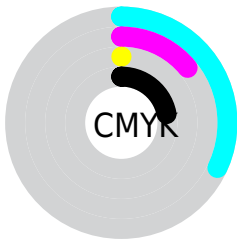
Blue (78%)



Red (53%)

Yellow (62%)

Blue (78%)

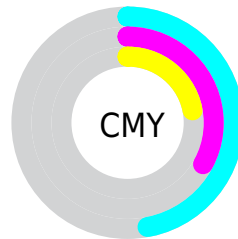


Cyan (32%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87ABC7 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 87ABC7 by changing the saturation by 10% instead.

 87ABC7

 87ABC7

FFFFFF

 6D91AC

 BEE2FF

 537791

 DAFFFF

 395E77

 F7FFFF

 1F475F

 003047

 001C30

 00011C

 000000

 87ABC7

 87ABC7

73A2C7

9BB4C7

5F9AC7

AFBCC7

4B91C7

C3C5C7

3788C7

D7CEC7

247FC7

EBD7C7

1077C7

FEDFC7

0070C7

FFE8C7

FFF1C7

FFF9C7

Harmonies

Analogous

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



79AFBD



87ABC7



9DA5C8

Triad

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



87ABC7



CA9B9F



98AD8D

Complementary

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



87ABC7



C7A387

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.



ACA885



87ABC7



C89D90

Square

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



87ABC7



C39CB1



BDA286



86B09C

Rectangle

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



87ABC7



ACA2C3



BDA286



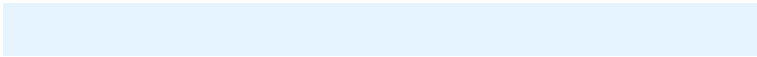
9FAB8A

Sweetspot

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



87ABC7



E6F4FF



87C7A3



707980



000000



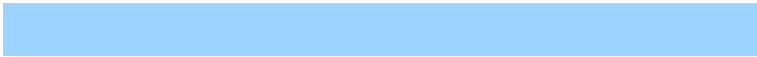
808080

Same Dimension

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



87ABC7



9CD3FF



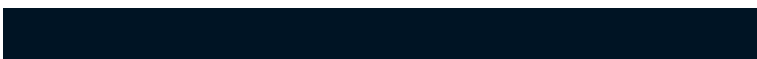
878BC7



5A5F63



005CA3



001424

Inverse Universe

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



C787AB



FF9CD3



C7C387



635A5F



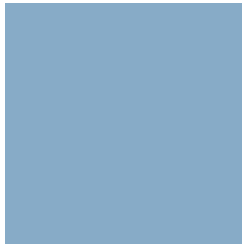
A3005C



240014

Previews

White Background



This preview shows how the Hex color 87ABC7 looks on a white background.

Color Contrast Check

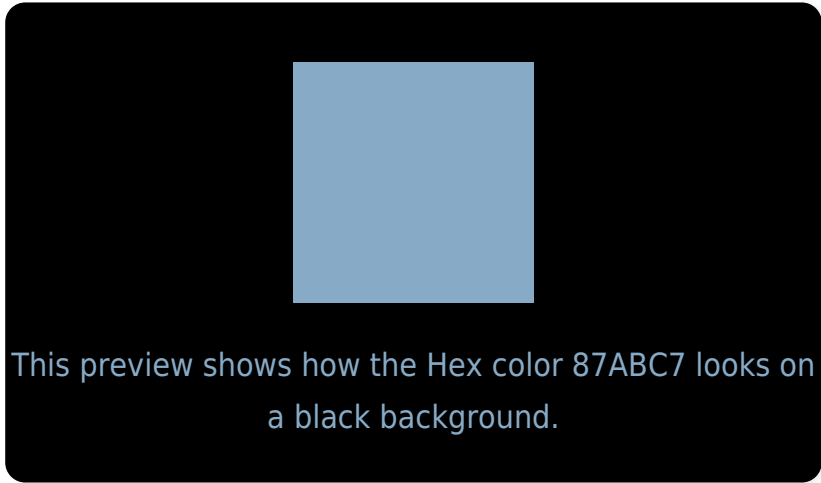
Large Text (above 18pt) WCAG AA × Fail

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

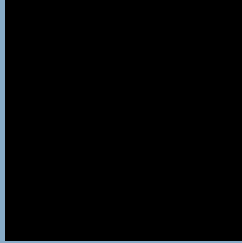
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

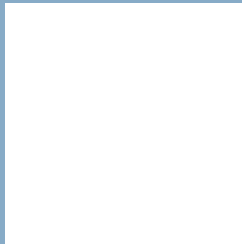
Any Text WCAG AAA ✓ Pass

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

Hex 87ABC7 Background



This preview shows how black text looks on a background with the Hex color 87ABC7.

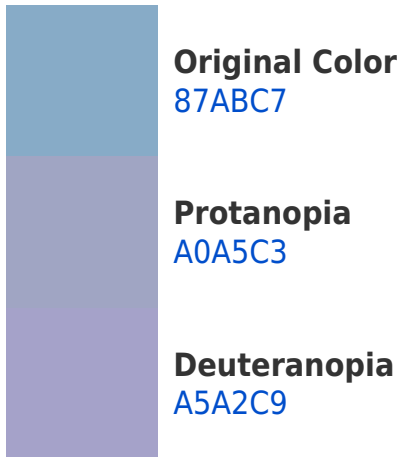


This preview shows how white text looks on a background with the Hex color 87ABC7.

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](#).

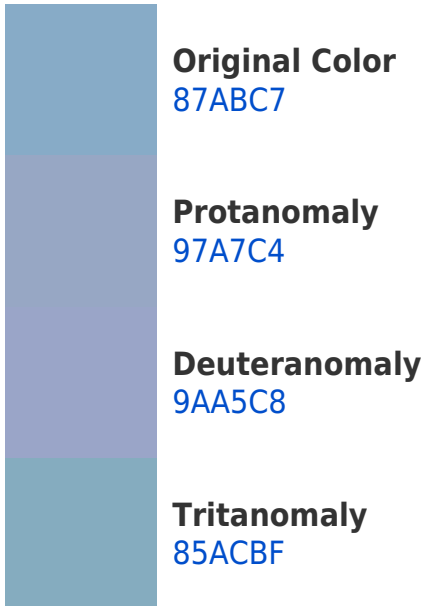
Dichromacy



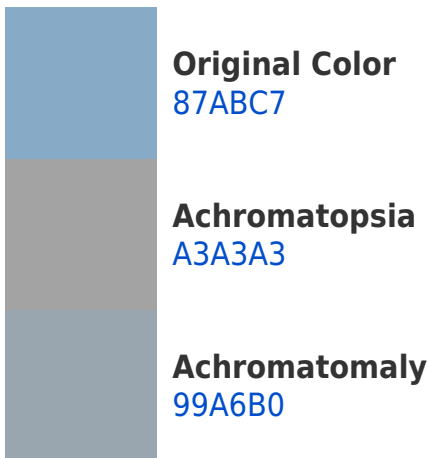


Tritanopia
84ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87ABC7 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 #87ABC7 looks like.

```
.text, #text, p{  
    color:#87ABC7  
}
```

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 #87ABC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87ABC7  
}
```

Border

The CSS property to change the border of an element to Hex 87ABC7 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  
#87ABC7 }
```

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

```
.border{ border-color:#87ABC7 }
```

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

Here you see how a box with a 4 pixel #87ABC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87ABC7; -webkit-box-shadow:4px 4px  
4px 4px #87ABC7; box-shadow:4px 4px 4px  
4px #87ABC7 }
```

Background

The CSS property to change the background color of an element to Hex 87ABC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87ABC7 }
```

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

```
.background{ background-color:#87ABC7 }
```

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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