

Converting Colors

Hex(87ABCA)

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

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Color

Hex(87ABCA)

Conversions

Conversions Part 1

Format	Color
Hex	87ABCA
RGB	135, 171, 202
RGB Percent	53%, 67%, 79%
CMY	0.4706, 0.3294, 0.2078
CMYK	0.33, 0.15, 0.00, 0.21
HSL	208°, 39%, 66%
HSV	208°, 33%, 79%
XYZ	35.2153, 38.5410, 61.4602
YIQ	163.7700, -31.4070, 2.0090

Conversions

Conversions Part 2

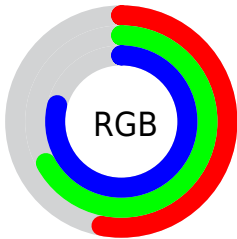
Format	Color
R _Y B	135, 158, 202
Decimal	8891338
CIE Lab	68.42, -4.75, -19.74
CIE LCh	68, 20.305, 256.463
Yxy	38.5410, 0.2604, 0.2850
Android (android.graphics.Color)	4287081418 (0xFF87ABCA)
YUV	163.7700, 18.8474, -25.2313
Hunter-Lab	62.0814, -7.3895, -15.2398

Details

The Hex color **87ABCA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CAA687**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BEE2FF**, and **537794** is the 20% darker color. If you saturate the color by 10%, you get **73A2CA**, and if you desaturate by 10%, it is **9BB4CA**.

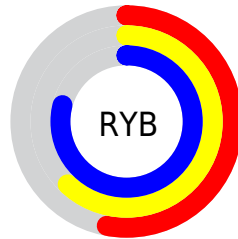
Distribution



Red (53%)

Green (67%)

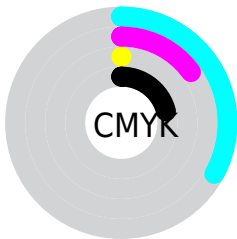
Blue (79%)



Red (53%)

Yellow (62%)

Blue (79%)

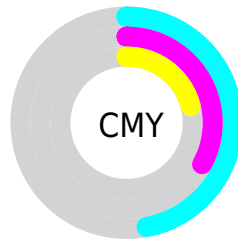


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (21%)



Cyan (47%)

Magenta (33%)

Yellow (21%)

Brightness & Saturation Gradients

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

 87ABCA

 87ABCA

FFFFFF

 6D91AF

 BEE2FF

 537794

 DAFFFF

 395E7A

 F7FFFF

 1F4761

 003049

 001C33

 00021E

 000000

 87ABCA

 87ABCA

■ 73A2CA

■ 9BB4CA

■ 5F98CA

■ AFBECA

■ 4A8FCA

■ C4C7CA

■ 3686CA

■ D8D0CA

■ 227CCA

■ ECDACA

■ 0E73CA

■ FFE3CA

■ 006DCA

■ FFECCA

■ FFF6CA

■ FFFFCA

Harmonies

Analogous

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



77AFC1



87ABCA



9FA5CA

Triad

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



87ABCA



CD9A9D



95AE8D

Complementary

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



87ABCA



CAA687

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.



AAA984



87ABCA



C99D8D

Square

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



87ABCA



C79BB0



BDA384



82B19E

Rectangle

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



87ABCA



AFA1C4



BDA384



9CAC89

Sweetspot

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



87ABCA



E6F3FF



87CAA5



707880



000000



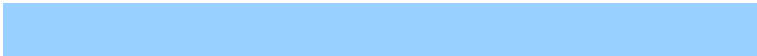
808080

Same Dimension

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



87ABCA



99D0FF



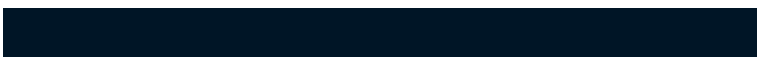
878ACA



5C6166



0059A6



001526

Inverse Universe

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



CA87AB



FF99D0



CAC787



665C61



A60059



260015

Previews

White Background



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

Color Contrast Check

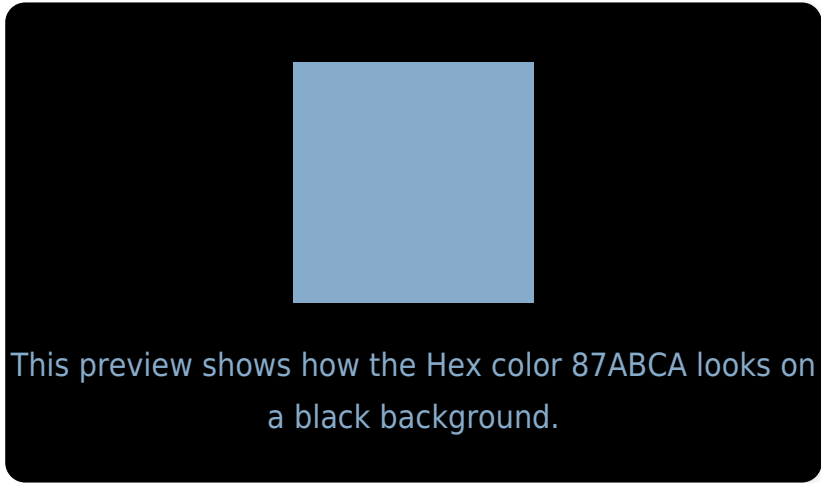
Large Text (above 18pt) WCAG AA × Fail

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

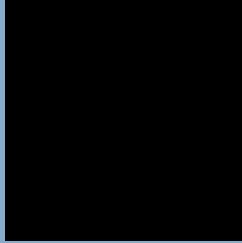
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

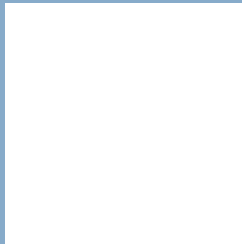
Any Text WCAG AAA ✓ Pass

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

Hex 87ABCA Background



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

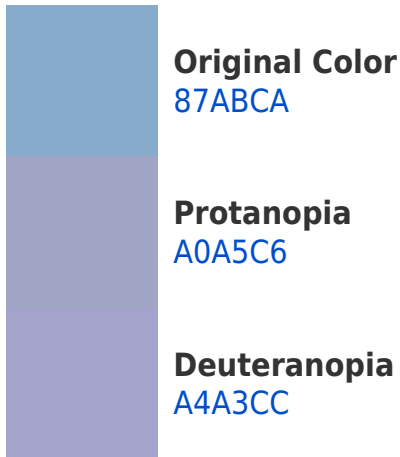


This preview shows how white text looks on a background with the Hex color 87ABCA.

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](#).

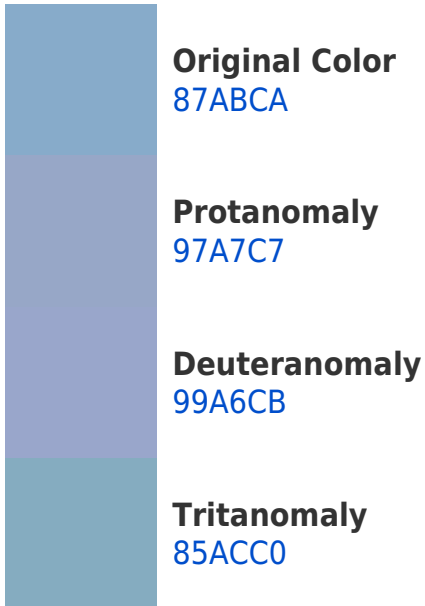
Dichromacy



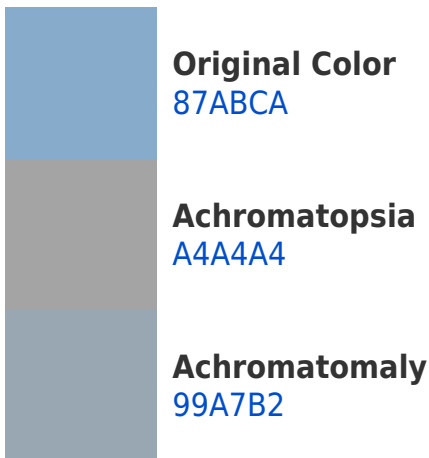


Tritanopia
84ADBB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87ABCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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