

Converting Colors

Hex(87AAD4)

Have a look what the booklet for
Hex(87AAD4) contains.

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Color

Hex(87AAD4)

Conversions

Conversions Part 1

Format	Color
Hex	87AAD4
RGB	135, 170, 212
RGB Percent	53%, 67%, 83%
CMY	0.4706, 0.3333, 0.1686
CMYK	0.36, 0.20, 0.00, 0.17
HSL	213°, 47%, 68%
HSV	213°, 36%, 83%
XYZ	36.2501, 38.6538, 67.8377
YIQ	164.3230, -34.3420, 5.6420

Conversions

Conversions Part 2

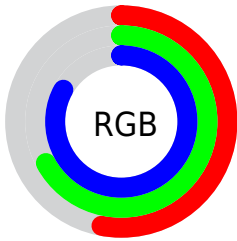
Format	Color
RYB	135, 159, 212
Decimal	8891092
CIELab	68.50, -1.62, -25.13
CIElCh	68, 25.181, 266.302
Yxy	38.6538, 0.2540, 0.2708
Android (android.graphics.Color)	4287081172 (0xFF87AAD4)
YUV	164.3230, 23.5048, -25.7163
Hunter-Lab	62.1722, -4.7253, -21.1723

Details

The Hex color **87AAD4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4B187**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BEE1FF**, and **52769D** is the 20% darker color. If you saturate the color by 10%, you get **729ED4**, and if you desaturate by 10%, it is **9CB6D4**.

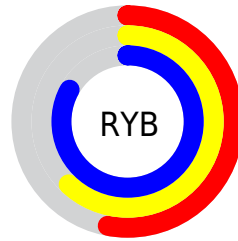
Distribution



Red (53%)

Green (67%)

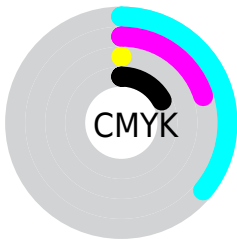
Blue (83%)



Red (53%)

Yellow (62%)

Blue (83%)

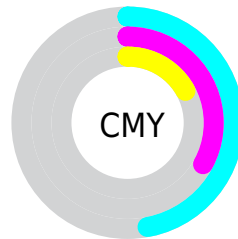


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (47%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AAD4 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 87AAD4 by changing the saturation by 10% instead.

■ 87AAD4

■ 87AAD4

FFFFFF

■ 6C90B8

■ BEE1FF

■ 52769D

■ DBFEFF

■ 375D83

■ F8FFFF

■ 1B466A

■ 003051

■ 001B3A

■ 000225

■ 00010D

■ 000000

■ 87AAD4

■ 87AAD4

■ 729ED4

■ 9CB6D4

■ 5D93D4

■ B1C1D4

■ 4787D4

■ C7CDD4

■ 327CD4

■ DCD8D4

■ 1D70D4

■ F1E4D4

■ 0865D4

■ FFEFD4

■ 0060D4

■ FFFBD4

■ FFFFD4

Harmonies

Analogous

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



6CB0CC



87AAD4



A7A2D0

Triad

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



87AAD4



D59894



88B18D

Complementary

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



87AAD4



D4B187

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.



A2AC7E



87AAD4



CC9D82

Square

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



87AAD4



D297AB



BAA57A



71B4A3

Rectangle

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



87AAD4



BA9DC7



BAA57A



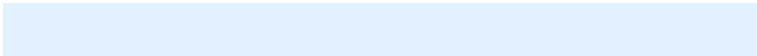
91B087

Sweetspot

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



87AAD4



E3F0FF



87D4B0



6F7680



000000



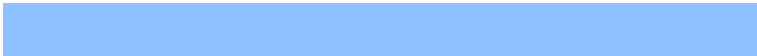
808080

Same Dimension

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



87AAD4



8FC2FF



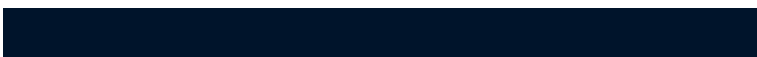
8A87D4



60656B



004EAB



00142B

Inverse Universe

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



D487AA



FF8FC2



D1D487



6B6065



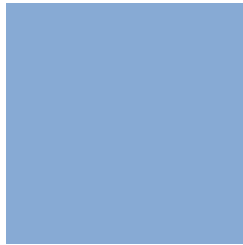
AB004E



2B0014

Previews

White Background



This preview shows how the Hex color 87AAD4 looks on a white background.

Color Contrast Check

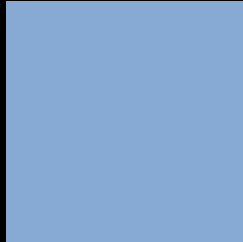
Large Text (above 18pt) WCAG AA × Fail

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 87AAD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

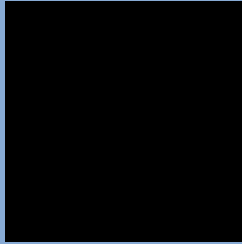
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

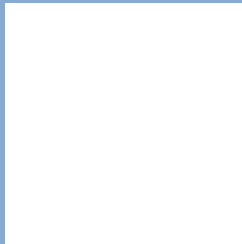
Any Text WCAG AAA ✓ Pass

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

Hex 87AAD4 Background



This preview shows how black text looks on a background with the Hex color 87AAD4.

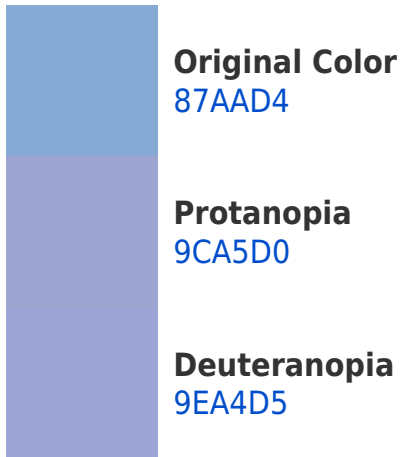


This preview shows how white text looks on a background with the Hex color 87AAD4.

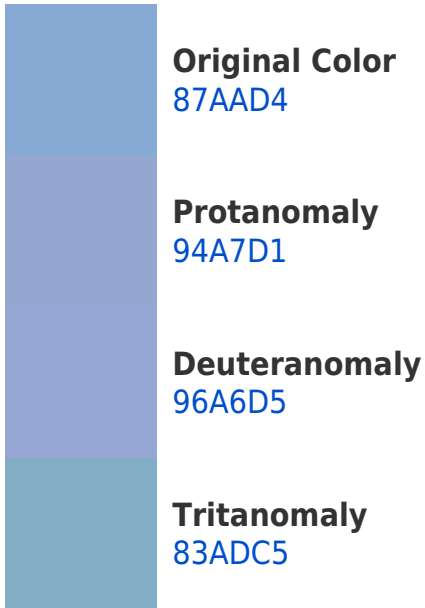
Color Blindness Simulation

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](#).

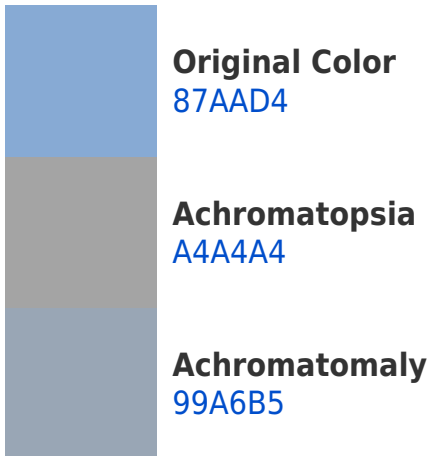
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AAD4 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 #87AAD4 looks like.

```
.text, #text, p{  
    color:#87AAD4  
}
```

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 #87AAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AAD4
}
```

Border

The CSS property to change the border of an element to Hex 87AAD4 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
#87AAD4 }
```

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

```
.border{ border-color:#87AAD4 }
```

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

Here you see how a box with a 4 pixel #87AAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AAD4; -webkit-box-shadow:4px 4px  
4px 4px #87AAD4; box-shadow:4px 4px 4px  
4px #87AAD4 }
```

Background

The CSS property to change the background color of an element to Hex 87AAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AAD4 }
```

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

```
.background{ background-color:#87AAD4 }
```

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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