

Converting Colors

Hex(87A2C4)

Have a look what the booklet for
Hex(87A2C4) contains.

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Color

Hex(87A2C4)

Conversions

Conversions Part 1

Format	Color
Hex	87A2C4
RGB	135, 162, 196
RGB Percent	53%, 64%, 77%
CMY	0.4706, 0.3647, 0.2314
CMYK	0.31, 0.17, 0.00, 0.23
HSL	213°, 34%, 65%
HSV	213°, 31%, 77%
XYZ	32.8758, 34.9771, 57.2431
YIQ	157.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

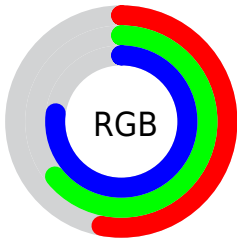
Format	Color
RYB	135, 154, 196
Decimal	8889028
CIELab	65.73, -1.31, -20.50
CIElCh	66, 20.544, 266.350
Yxy	34.9771, 0.2628, 0.2796
Android (android.graphics.Color)	4287079108 (0xFF87A2C4)
YUV	157.8030, 18.8311, -19.9982
Hunter-Lab	59.1414, -4.2721, -15.9879

Details

The Hex color **87A2C4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C4A987**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BED9FD**, and **536F8E** is the 20% darker color. If you saturate the color by 10%, you get **7397C4**, and if you desaturate by 10%, it is **9BADC4**.

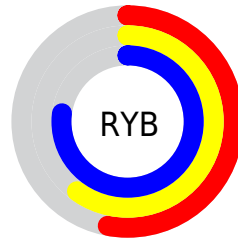
Distribution



Red (53%)

Green (64%)

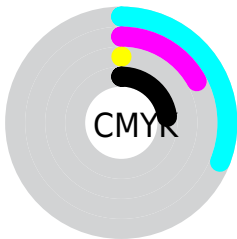
Blue (77%)



Red (53%)

Yellow (60%)

Blue (77%)

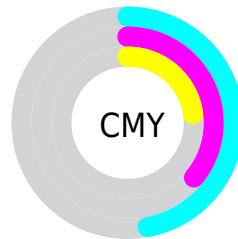


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A2C4 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 87A2C4 by changing the saturation by 10% instead.

■ 87A2C4

■ 87A2C4

FFFFFF

■ 6D88A9

■ BED9FD

■ 536F8E

■ DAF5FF

■ 3A5675

■ F7FFFF

■ 213F5C

■ 032944

■ 00152E

■ 000119

■ 000000

■ 87A2C4

■ 87A2C4

7397C4

9BADC4

608CC4

AEB8C4

4C81C4

C2C3C4

3976C4

D5CEC4

256BC4

E9D9C4

1160C4

FDE4C4

0057C4

FFEEC4

FFF9C4

FFFFC4

Harmonies

Analogous

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



73A7BE



87A2C4



A09CC1

Triad

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



87A2C4



C69390



87A88B

Complementary

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



87A2C4



C4A987

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.



9CA47E



87A2C4



BF9882

Square

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



87A2C4



C393A3



B09E7B



75AA9D

Rectangle

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



87A2C4



AF98B9



B09E7B



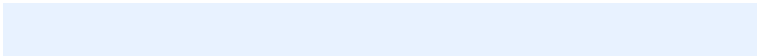
8EA786

Sweetspot

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



87A2C4



E8F2FF



87C4A9



717880



000000



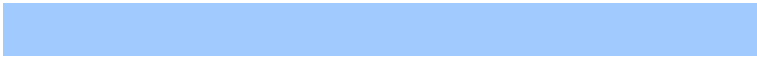
808080

Same Dimension

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



87A2C4



A1CAFF



8A87C4



575B61



0047A1



000F21

Inverse Universe

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



C487A2



FFA1CA



C1C487



61575B



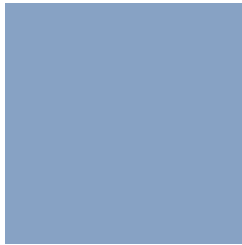
A10047



21000F

Previews

White Background



This preview shows how the Hex color 87A2C4 looks on a white background.

Color Contrast Check

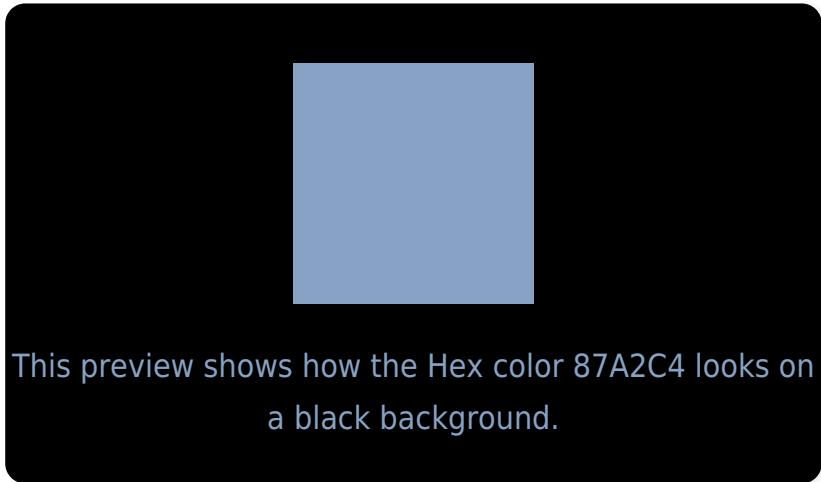
Large Text (above 18pt) WCAG AA × Fail

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

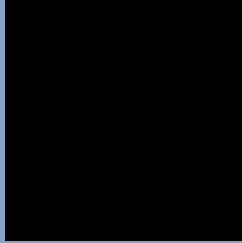
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

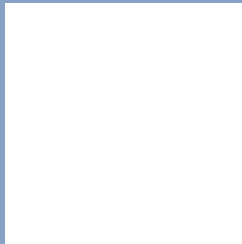
Any Text WCAG AAA ✓ Pass

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

Hex 87A2C4 Background



This preview shows how black text looks on a background with the Hex color 87A2C4.

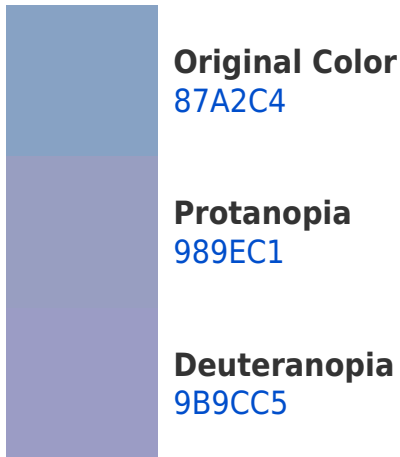


This preview shows how white text looks on a background with the Hex color 87A2C4.

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](#).

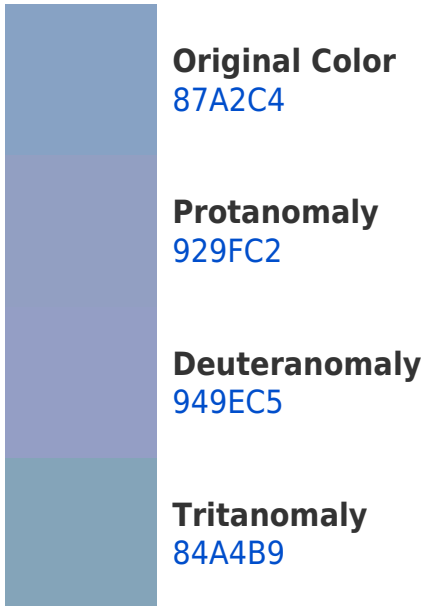
Dichromacy



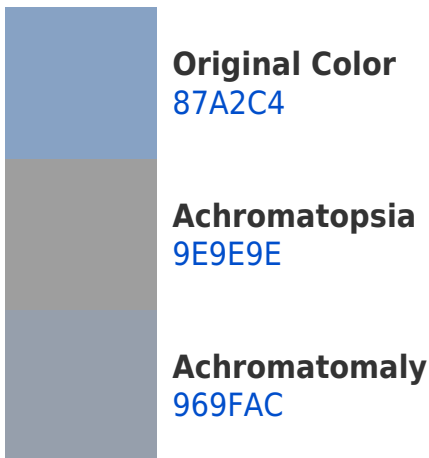


Tritanopia
83A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A2C4 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 #87A2C4 looks like.

```
.text, #text, p{  
    color:#87A2C4  
}
```

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 #87A2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A2C4
}
```

Border

The CSS property to change the border of an element to Hex 87A2C4 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
#87A2C4 }
```

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

```
.border{ border-color:#87A2C4 }
```

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

Here you see how a box with a 4 pixel #87A2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A2C4; -webkit-box-shadow:4px 4px  
4px 4px #87A2C4; box-shadow:4px 4px 4px  
4px #87A2C4 }
```

Background

The CSS property to change the background color of an element to Hex 87A2C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A2C4 }
```

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

```
.background{ background-color:#87A2C4 }
```

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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