

Converting Colors

Hex(86A0CA)

Have a look what the booklet for
Hex(86A0CA) contains.

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Color

Hex(86A0CA)

Conversions

Conversions Part 1

Format	Color
Hex	86A0CA
RGB	134, 160, 202
RGB Percent	53%, 63%, 79%
CMY	0.4745, 0.3725, 0.2078
CMYK	0.34, 0.21, 0.00, 0.21
HSL	217°, 39%, 66%
HSV	217°, 34%, 79%
XYZ	33.0630, 34.4742, 60.7887
YIQ	157.0140, -28.9780, 7.5500

Conversions

Conversions Part 2

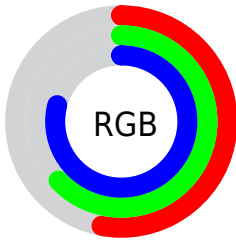
Format	Color
RYB	134, 153, 202
Decimal	8822986
CIE Lab	65.34, 1.05, -24.45
CIE LCh	65, 24.470, 272.468
Yxy	34.4742, 0.2576, 0.2686
Android (android.graphics.Color)	4287013066 (0xFF86A0CA)
YUV	157.0140, 22.1781, -20.1833
Hunter-Lab	58.7147, -2.2353, -20.2840

Details

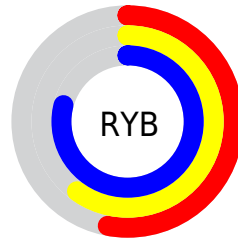
The Hex color **86A0CA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CAB086**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDD7FF**, and **526D94** is the 20% darker color. If you saturate the color by 10%, you get **7294CA**, and if you desaturate by 10%, it is **9AACCA**.

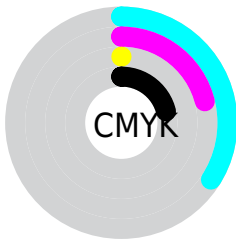
Distribution



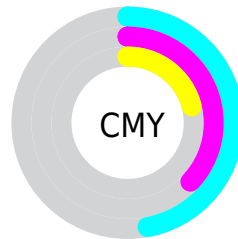
- Red (53%)
- Green (63%)
- Blue (79%)



- Red (53%)
- Yellow (60%)
- Blue (79%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (21%)



- Cyan (47%)
- Magenta (37%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A0CA 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 86A0CA by changing the saturation by 10% instead.

 86A0CA

 86A0CA

FFFFFF

 6C86AF

 BDD7FF

 526D94

 D9F3FF

 38557A

 F6FFFF

 1E3E61

 002849

 001332

 00021D

 000000

 86A0CA

 86A0CA

7294CA

9AACCA

5E87CA

AEB9CA

497BCA

C3C5CA

356ECA

D7D2CA

2162CA

EBDECA

0D55CA

FFEBCA

004DCA

FFF7CA

FFFFCA

Harmonies

Analogous

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



6AA6C5



86A0CA



A498C4

Triad

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



86A0CA



CA9188



7CA98A

Complementary

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



86A0CA



CAB086

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.



95A479



86A0CA



C09678

Square

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



86A0CA



C98F9E



AD9E73



66ABA0

Rectangle

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



86A0CA



B594BA



AD9E73



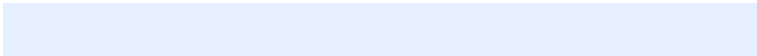
84A883

Sweetspot

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



86A0CA



E6EFFF



86CAB0



707680



000000



808080

Same Dimension

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



86A0CA



99C0FF



8E86CA



5C6066



003FA6



000F26

Inverse Universe

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



CA86A0



FF99C0



C2CA86



665C60



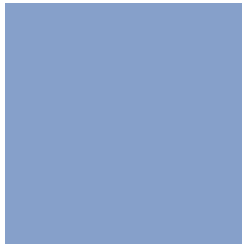
A6003F



26000F

Previews

White Background



This preview shows how the Hex color 86A0CA looks on a white background.

Color Contrast Check

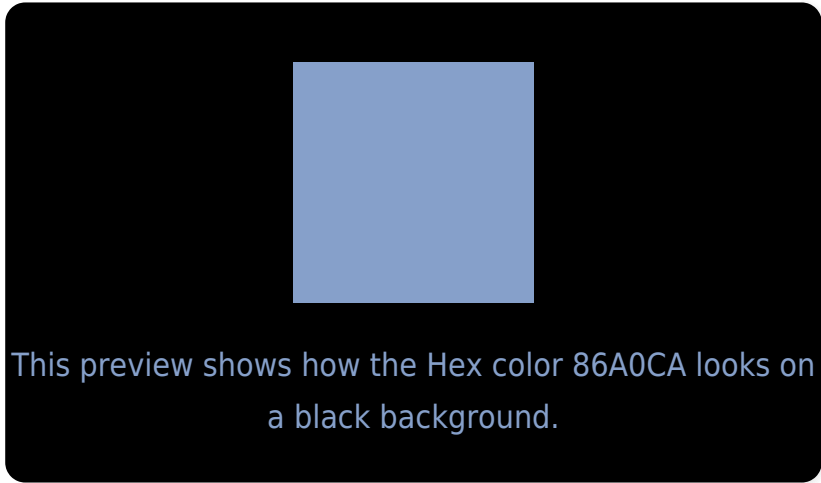
Large Text (above 18pt) WCAG AA × Fail

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

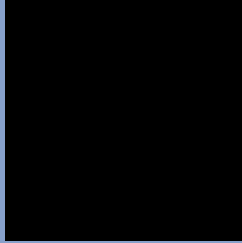
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

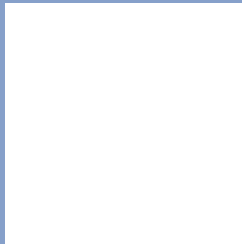
Any Text WCAG AAA ✓ Pass

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

Hex 86A0CA Background



This preview shows how black text looks on a background with the Hex color 86A0CA.

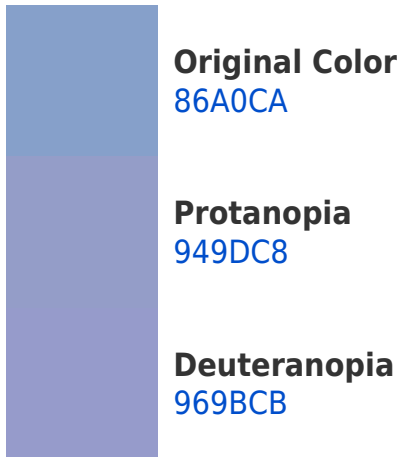


This preview shows how white text looks on a background with the Hex color 86A0CA.

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](#).

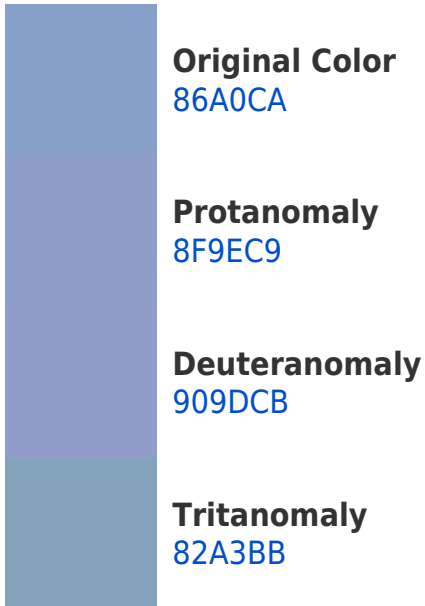
Dichromacy



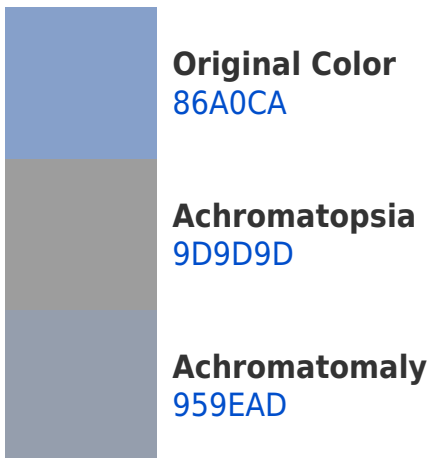


Tritanopia
80A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A0CA 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 #86A0CA looks like.

```
.text, #text, p{  
  color:#86A0CA  
}
```

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 #86A0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A0CA
}
```

Border

The CSS property to change the border of an element to Hex 86A0CA 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
#86A0CA }
```

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

```
.border{ border-color:#86A0CA }
```

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

Here you see how a box with a 4 pixel #86A0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A0CA; -webkit-box-shadow:4px 4px  
4px 4px #86A0CA; box-shadow:4px 4px 4px  
4px #86A0CA }
```

Background

The CSS property to change the background color of an element to Hex 86A0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A0CA }
```

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

```
.background{ background-color:#86A0CA }
```

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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