

Converting Colors

Hex(86B6CA)

Have a look what the booklet for
Hex(86B6CA) contains.

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Color

Hex(86B6CA)

Conversions

Conversions Part 1

Format	Color
Hex	86B6CA
RGB	134, 182, 202
RGB Percent	53%, 71%, 79%
CMY	0.4745, 0.2863, 0.2078
CMYK	0.34, 0.10, 0.00, 0.21
HSL	198°, 39%, 66%
HSV	198°, 34%, 79%
XYZ	37.2201, 42.7885, 62.1744
YIQ	169.9280, -35.0280, -3.9560

Conversions

Conversions Part 2

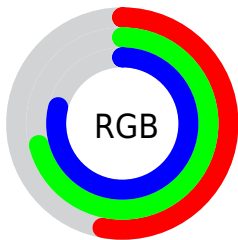
Format	Color
RYB	134, 162, 202
Decimal	8828618
CIELab	71.41, -10.97, -15.22
CIELCh	71, 18.757, 234.219
Yxy	42.7885, 0.2618, 0.3009
Android (android.graphics.Color)	4287018698 (0xFF86B6CA)
YUV	169.9280, 15.8115, -31.5089
Hunter-Lab	65.4129, -12.9056, -10.5656

Details

The Hex color **86B6CA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA9A86**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BDEEFF**, and **518194** is the 20% darker color. If you saturate the color by 10%, you get **72B0CA**, and if you desaturate by 10%, it is **9ABCCA**.

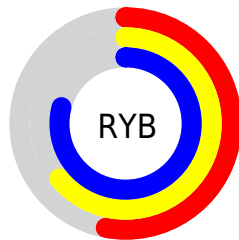
Distribution



Red (53%)

Green (71%)

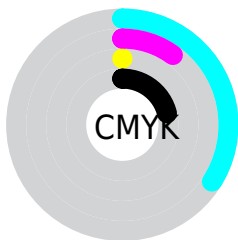
Blue (79%)



Red (53%)

Yellow (64%)

Blue (79%)

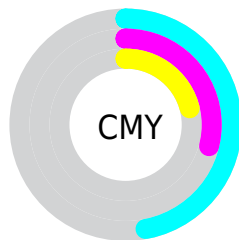


Cyan (34%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (47%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B6CA 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 86B6CA by changing the saturation by 10% instead.

 86B6CA

 86B6CA

FFFFFF

 6B9BAF

 BDEEFF

 518194

 D9FFFF

 37687A

 F6FFFF

 1C5061

 003949

 002333

 000B1E

 000001

 000000

86B6CA

86B6CA

72B0CA

9ABCCA

5EAACA

AEC2CA

49A4CA

C3C8CA

359ECA

D7CECA

2198CA

EBD4CA

0D92CA

FFDACA

008FCA

FFE0CA

FFE6CA

FFEBCA

Harmonies

Analogous

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



81B9BC



86B6CA



97B1D0

Triad

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



86B6CA



CFA3B3



ADB290

Complementary

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



86B6CA



CA9A86

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.



BFAD8D



86B6CA



D3A4A2

Square

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



86B6CA



C2A6C3



CDA794



9AB69A

Rectangle

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



86B6CA



A6AED0



CDA794



B4B08E

Sweetspot

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



86B6CA



E6F8FF



86CA99



707B80



000000



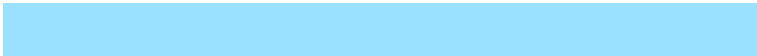
808080

Same Dimension

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



86B6CA



99E1FF



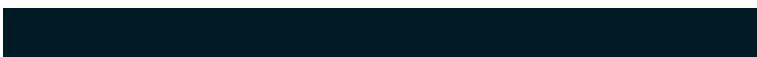
8695CA



5C6366



0075A6



001B26

Inverse Universe

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



CA86B6



FF99E1



CABB86



665C63



A60075



26001B

Previews

White Background



This preview shows how the Hex color 86B6CA looks on a white background.

Color Contrast Check

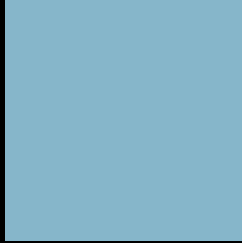
Large Text (above 18pt) WCAG AA × Fail

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 86B6CA 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

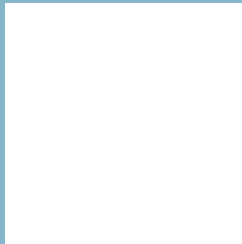
Any Text WCAG AAA ✓ Pass

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

Hex 86B6CA Background



This preview shows how black text looks on a background with the Hex color 86B6CA.

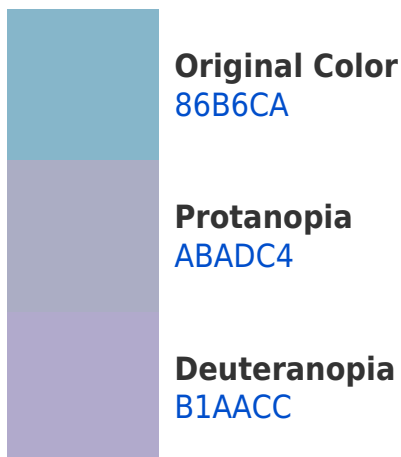


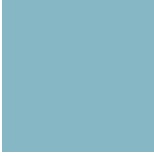
This preview shows how white text looks on a background with the Hex color 86B6CA.

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](#).

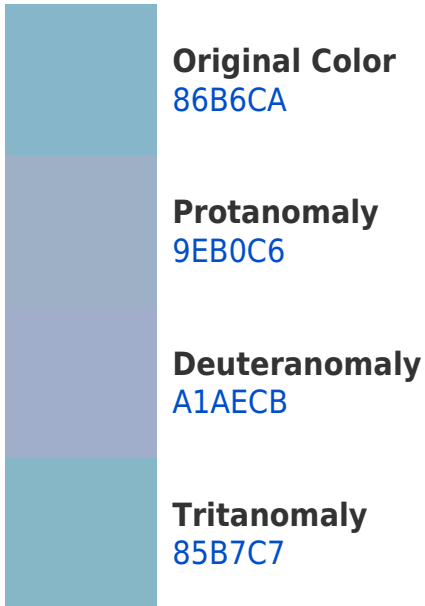
Dichromacy



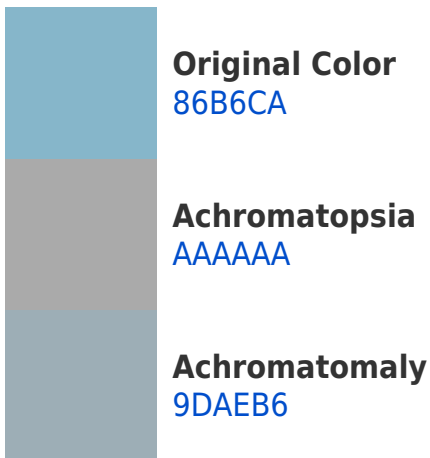


Tritanopia
85B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B6CA 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 #86B6CA looks like.

```
.text, #text, p{  
    color:#86B6CA  
}
```

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 #86B6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B6CA
}
```

Border

The CSS property to change the border of an element to Hex 86B6CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

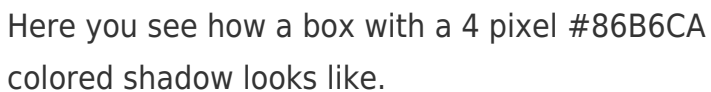
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86B6CA }
```

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

```
.border{ border-color:#86B6CA }
```

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



Here you see how a box with a 4 pixel #86B6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B6CA; -webkit-box-shadow:4px 4px  
4px 4px #86B6CA; box-shadow:4px 4px 4px  
4px #86B6CA }
```

Background

The CSS property to change the background color of an element to Hex 86B6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B6CA }
```

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

```
.background{ background-color:#86B6CA }
```

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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