

Converting Colors

Hex(84A6CB)

Have a look what the booklet for
Hex(84A6CB) contains.

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Color

Hex(84A6CB)

Conversions

Conversions Part 1

Format	Color
Hex	84A6CB
RGB	132, 166, 203
RGB Percent	52%, 65%, 80%
CMY	0.4824, 0.3490, 0.2039
CMYK	0.35, 0.18, 0.00, 0.20
HSL	211°, 41%, 66%
HSV	211°, 35%, 80%
XYZ	33.9314, 36.4898, 61.7548
YIQ	160.0520, -32.1410, 4.2990

Conversions

Conversions Part 2

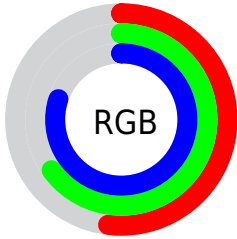
Format	Color
R_{YB}	132, 155, 203
Decimal	8693451
CIE _{Lab}	66.89, -2.60, -22.63
CIE _{LCh}	67, 22.782, 263.453
Yxy	36.4898, 0.2567, 0.2761
Android (android.graphics.Color)	4286883531 (0xFF84A6CB)
YUV	160.0520, 21.1734, -24.6016
Hunter-Lab	60.4068, -5.4456, -18.3284

Details

The Hex color **84A6CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CBA984**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BBDDFF**, and **4F7295** is the 20% darker color. If you saturate the color by 10%, you get **709BCB**, and if you desaturate by 10%, it is **98B1CB**.

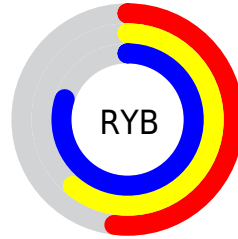
Distribution



Red (52%)

Green (65%)

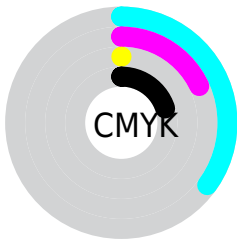
Blue (80%)



Red (52%)

Yellow (61%)

Blue (80%)

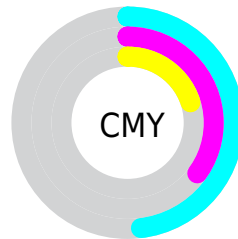


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A6CB 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 84A6CB by changing the saturation by 10% instead.

 84A6CB

 84A6CB

FFFFFF

 698CB0

 BBDDFF

 4F7295

 D7FAFF

 365A7B

 F4FFFF

 1A4262

 002D4A

 001833

 00021E

 000000

 84A6CB

 84A6CB

709BCB

98B1CB

5B91CB

ADBBCB

4786CB

C1C6CB

337CCB

D5D0CB

1F71CB

EADBCB

0A67CB

FEE5CB

0061CB

FFF0CB

FFFBCB

FFFFCB

Harmonies

Analogous

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



6EABC3



84A6CB



A09FC8

Triad

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



84A6CB



CD9593



89AB8A

Complementary

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



84A6CB



CBA984

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.



A1A67D



84A6CB



C69983

Square

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



84A6CB



C994A8



B6A07A



74AE9D

Rectangle

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



84A6CB



B19AC1



B6A07A



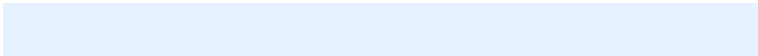
91AA85

Sweetspot

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



84A6CB



E6F2FF



84CBA9



707880



000000



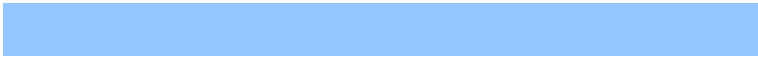
808080

Same Dimension

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



84A6CB



94C7FF



8584CB



5C6166



004FA6



001226

Inverse Universe

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



CB84A6



FF94C7



CACB84



665C61



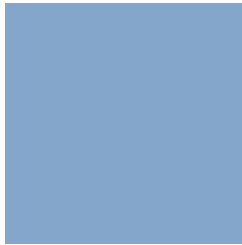
A6004F



260012

Previews

White Background



This preview shows how the Hex color 84A6CB looks on a white background.

Color Contrast Check

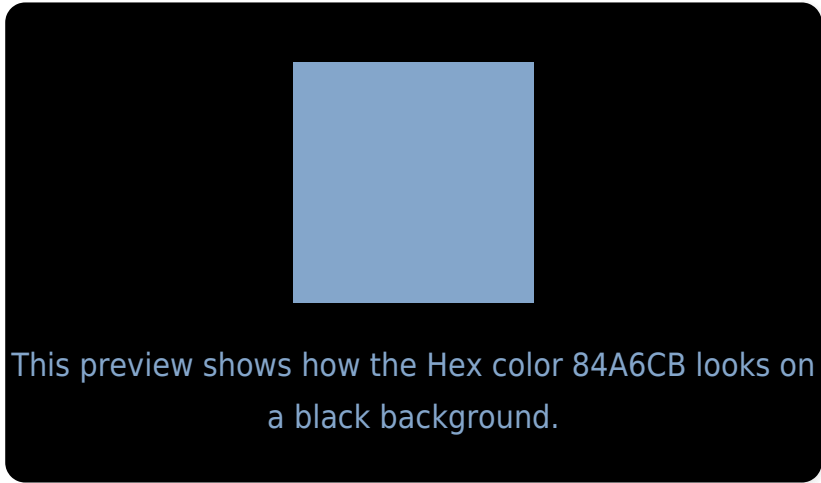
Large Text (above 18pt) WCAG AA × Fail

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

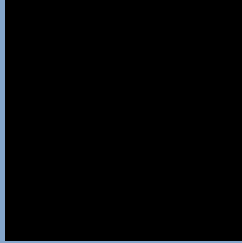
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

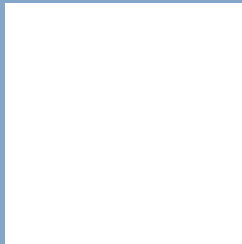
Any Text WCAG AAA ✓ Pass

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

Hex 84A6CB Background



This preview shows how black text looks on a background with the Hex color 84A6CB.

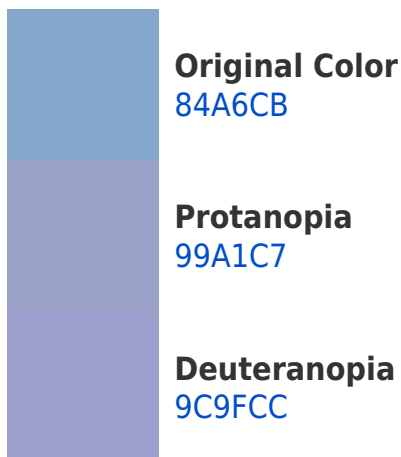


This preview shows how white text looks on a background with the Hex color 84A6CB.

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](#).

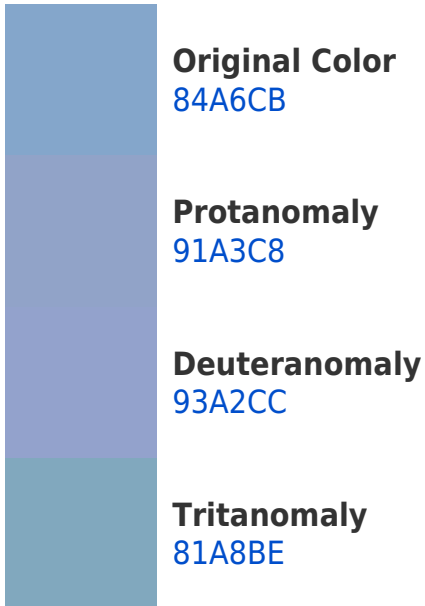
Dichromacy



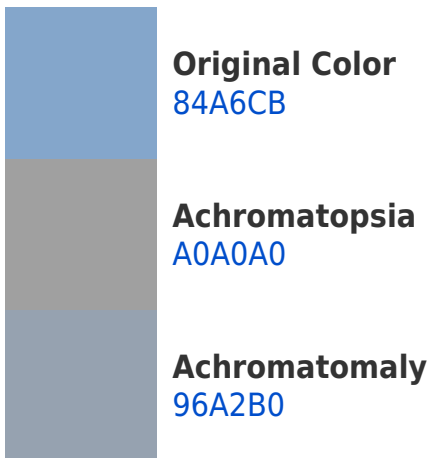


Tritanopia
7FA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A6CB 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 #84A6CB looks like.

```
.text, #text, p{  
    color:#84A6CB  
}
```

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 #84A6CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A6CB
}
```

Border

The CSS property to change the border of an element to Hex 84A6CB 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
#84A6CB }
```

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

```
.border{ border-color:#84A6CB }
```

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

Here you see how a box with a 4 pixel #84A6CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A6CB; -webkit-box-shadow:4px 4px  
4px 4px #84A6CB; box-shadow:4px 4px 4px  
4px #84A6CB }
```

Background

The CSS property to change the background color of an element to Hex 84A6CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A6CB }
```

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

```
.background{ background-color:#84A6CB }
```

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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