

Converting Colors

Hex(86A4C2)

Have a look what the booklet for
Hex(86A4C2) contains.

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Color

Hex(86A4C2)

Conversions

Conversions Part 1

Format	Color
Hex	86A4C2
RGB	134, 164, 194
RGB Percent	53%, 64%, 76%
CMY	0.4745, 0.3569, 0.2392
CMYK	0.31, 0.15, 0.00, 0.24
HSL	210°, 33%, 64%
HSV	210°, 31%, 76%
XYZ	32.8446, 35.5143, 56.1628
YIQ	158.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

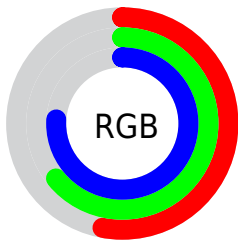
Format	Color
RYB	134, 154, 194
Decimal	8824002
CIELab	66.15, -3.21, -18.76
CIElCh	66, 19.036, 260.282
Yxy	35.5143, 0.2638, 0.2852
Android (android.graphics.Color)	4287014082 (0xFF86A4C2)
YUV	158.4500, 17.5262, -21.4426
Hunter-Lab	59.5939, -5.9107, -14.1607

Details

The Hex color **86A4C2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C2A486**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BCDBFB**, and **52708C** is the 20% darker color. If you saturate the color by 10%, you get **739AC2**, and if you desaturate by 10%, it is **99AEC2**.

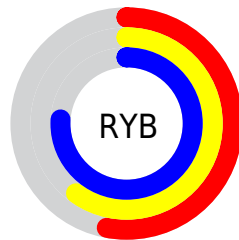
Distribution



Red (53%)

Green (64%)

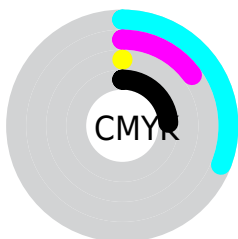
Blue (76%)



Red (53%)

Yellow (60%)

Blue (76%)

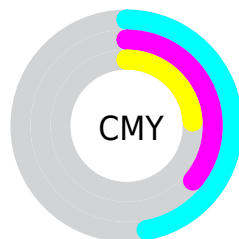


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A4C2 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 86A4C2 by changing the saturation by 10% instead.



86A4C2



86A4C2

FFFFFF



6C8AA7



BCDBFB



52708C



D9F7FF



395873



F5FFFF



20415A



022B43



00172C



000118



000000



86A4C2



86A4C2

739AC2

99AEC2

5F91C2

ADB7C2

4C87C2

C0C1C2

387DC2

D4CBC2

2573C2

E7D5C2

126AC2

FADEC2

0061C2

FFE8C2

FFF2C2

FFFBC2

Harmonies

Analogous

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



76A8BA



86A4C2



9D9EC1

Triad

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



86A4C2



C49596



8EA88B

Complementary

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



86A4C2



C2A486

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.



A2A381



86A4C2



C09887

Square

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



86A4C2



C095A7



B39E7F



7CAA9A

Rectangle

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



86A4C2



AB9ABB



B39E7F



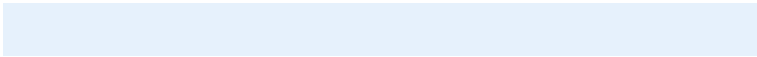
95A686

Sweetspot

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



86A4C2



E6F1FC



86C2A4



717880



000000



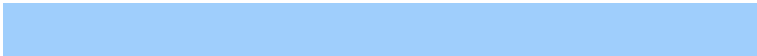
808080

Same Dimension

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



86A4C2



9FCEFC



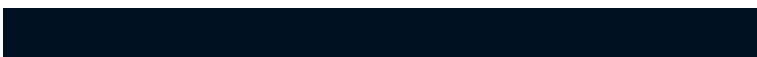
8686C2



575C61



0050A1



001121

Inverse Universe

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



C286A4



FC9FCE



C2C286



61575C



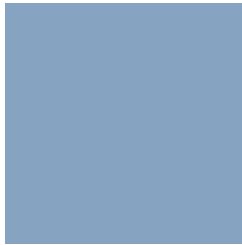
A10050



210011

Previews

White Background



This preview shows how the Hex color 86A4C2 looks on a white background.

Color Contrast Check

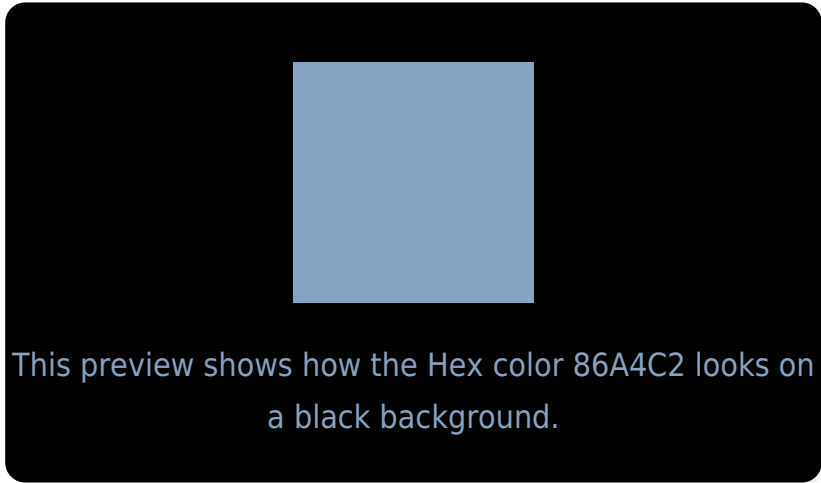
Large Text (above 18pt) WCAG AA × Fail

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

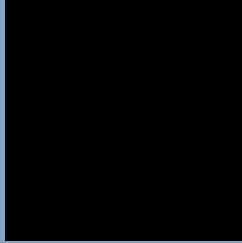
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

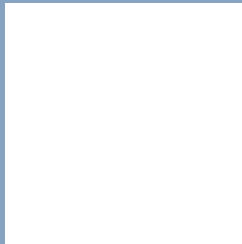
Any Text WCAG AAA ✓ Pass

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

Hex 86A4C2 Background



This preview shows how black text looks on a background with the Hex color 86A4C2.

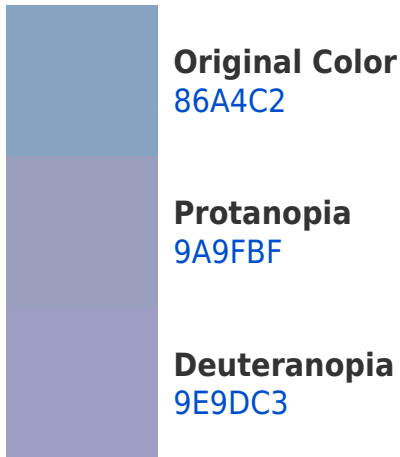


This preview shows how white text looks on a background with the Hex color 86A4C2.

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](#).

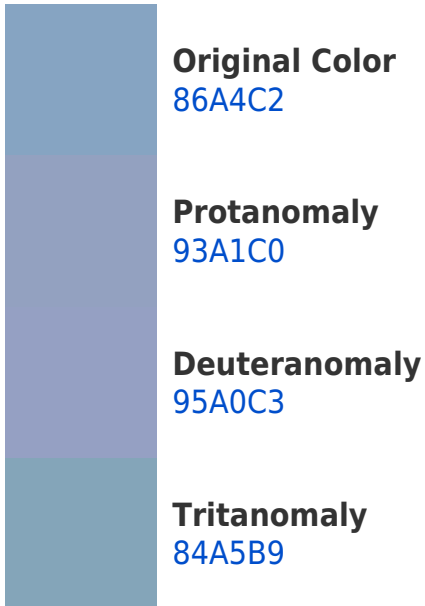
Dichromacy



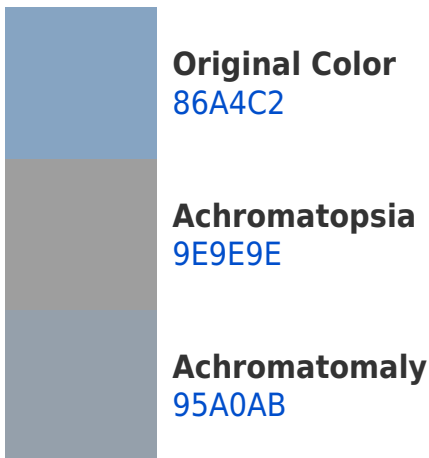


Tritanopia
83A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A4C2 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 #86A4C2 looks like.

```
.text, #text, p{  
    color:#86A4C2  
}
```

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 #86A4C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A4C2
}
```

Border

The CSS property to change the border of an element to Hex 86A4C2 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
#86A4C2 }
```

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

```
.border{ border-color:#86A4C2 }
```

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

Here you see how a box with a 4 pixel #86A4C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A4C2; -webkit-box-shadow:4px 4px  
4px 4px #86A4C2; box-shadow:4px 4px 4px  
4px #86A4C2 }
```

Background

The CSS property to change the background color of an element to Hex 86A4C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A4C2 }
```

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

```
.background{ background-color:#86A4C2 }
```

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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