

# Converting Colors

Hex(86A2C6)

Have a look what the booklet for  
Hex(86A2C6) contains.

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# **Color**

**Hex(86A2C6)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 86A2C6                     |
| RGB         | 134, 162, 198              |
| RGB Percent | 53%, 64%, 78%              |
| CMY         | 0.4745, 0.3647, 0.2235     |
| CMYK        | 0.32, 0.18, 0.00, 0.22     |
| HSL         | 214°, 36%, 65%             |
| HSV         | 214°, 32%, 78%             |
| XYZ         | 32.9449, 34.9862, 58.4427  |
| YIQ         | 157.7320, -28.2440, 5.2600 |

# Conversions

## Conversions Part 2

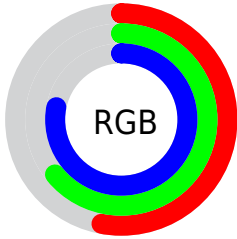
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">134, 153, 198</a>                                |
| Decimal                             | <a href="#">8823494</a>                                      |
| CIELab                              | <a href="#">65.74, -1.09, -21.61</a>                         |
| CIElCh                              | <a href="#">66, 21.638, 267.105</a>                          |
| Yxy                                 | <a href="#">34.9862, 0.2607, 0.2768</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287013574</a><br>( <a href="#">0xFF86A2C6</a> ) |
| YUV                                 | <a href="#">157.7320, 19.8521, -20.8130</a>                  |
| Hunter-Lab                          | <a href="#">59.1491, -4.0901, -17.1775</a>                   |

# Details

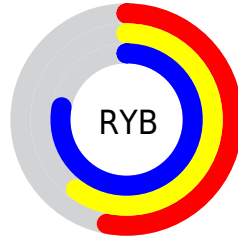
The Hex color **86A2C6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C6AA86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BDD9FF**, and **526F90** is the 20% darker color. If you saturate the color by 10%, you get **7297C6**, and if you desaturate by 10%, it is **9AADC6**.

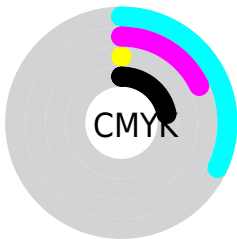
# Distribution



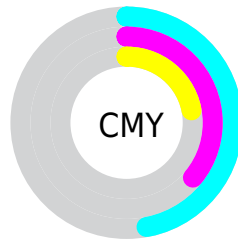
- Red (53%)
- Green (64%)
- Blue (78%)



- Red (53%)
- Yellow (60%)
- Blue (78%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (36%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A2C6 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 86A2C6 by changing the saturation by 10% instead.





86A2C6



86A2C6

FFFFFF



6C88AB



BDD9FF



526F90



D9F5FF



395676



F6FFFF



1F3F5E



002946



00152F



00011A



000000



86A2C6



86A2C6

■ 7297C6

■ 9AADC6

■ 5E8CC6

■ AEB8C6

■ 4B81C6

■ C1C3C6

■ 3775C6

■ D5CFC6

■ 236AC6

■ E9DAC6

■ 0F5FC6

■ FDE5C6

■ 0057C6

■ FFF0C6

■ FFFBC6

■ FFFFC6

# Harmonies

## Analogous

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



70A7C0



86A2C6



A09BC2

# Triad

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



86A2C6



C7938F



85A88A

# Complementary

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



86A2C6



C6AA86

# 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.



9BA47D



86A2C6



C09780

# Square

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



86A2C6



C592A2



B09E79



72AB9D

# Rectangle

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



86A2C6



B097BA



B09E79



8DA785



# Sweetspot

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



86A2C6



E6F1FF



86C6A9



707780



000000



808080



# Same Dimension

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



86A2C6



9CC7FF



8986C6



5A5E63



0047A3



001024



# Inverse Universe

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



C686A2



FF9CC7



C3C686



635A5E



A30047

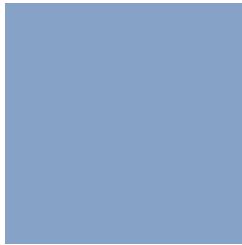


240010



# Previews

## White Background



This preview shows how the Hex color 86A2C6 looks on a white background.

## Color Contrast Check

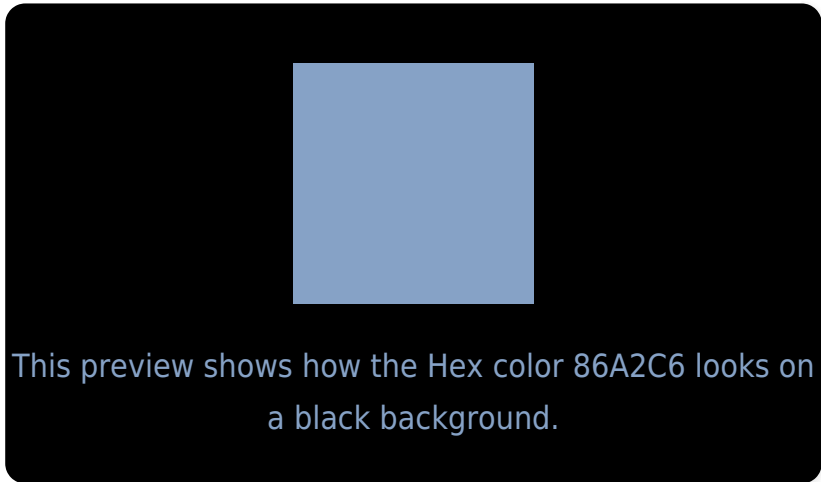
Large Text (above 18pt) WCAG AA × Fail

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

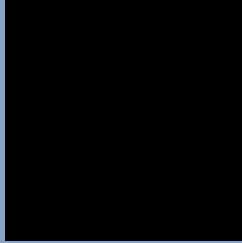
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

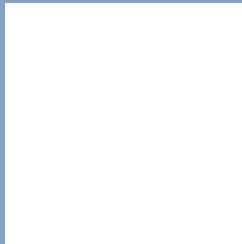
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A2C6 Background



This preview shows how black text looks on a background with the Hex color 86A2C6.



This preview shows how white text looks on a background with the Hex color 86A2C6.

# 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](#).

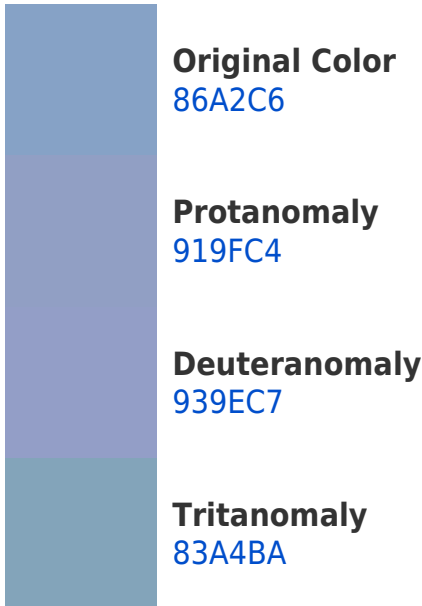
## Dichromacy



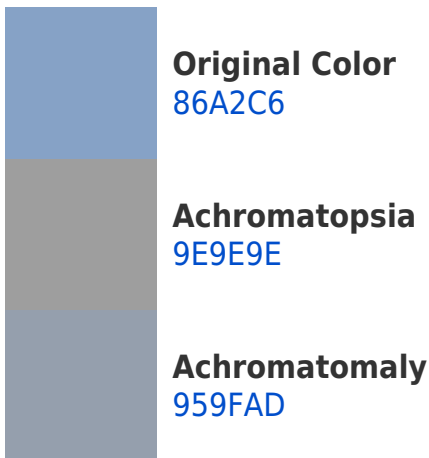


**Tritanopia**  
82A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A2C6 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 #86A2C6 looks like.

```
.text, #text, p{  
    color:#86A2C6  
}
```

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 #86A2C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A2C6
}
```

## Border

The CSS property to change the border of an element to Hex 86A2C6 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
#86A2C6 }
```

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

```
.border{ border-color:#86A2C6 }
```

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

Here you see how a box with a 4 pixel #86A2C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A2C6; -webkit-box-shadow:4px 4px  
4px 4px #86A2C6; box-shadow:4px 4px 4px  
4px #86A2C6 }
```

# Background

The CSS property to change the background color of an element to Hex 86A2C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A2C6 }
```

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

```
.background{ background-color:#86A2C6 }
```

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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