

# Converting Colors

Hex(86A5B2)

Have a look what the booklet for  
Hex(86A5B2) contains.

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# **Color**

**Hex(86A5B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A5B2
RGB	134, 165, 178
RGB Percent	53%, 65%, 70%
CMY	0.4745, 0.3529, 0.3020
CMYK	0.25, 0.07, 0.00, 0.30
HSL	198°, 22%, 61%
HSV	198°, 25%, 70%
XYZ	31.3225, 35.1930, 47.2615
YIQ	157.2130, -22.6490, -2.5290

# Conversions

## Conversions Part 2

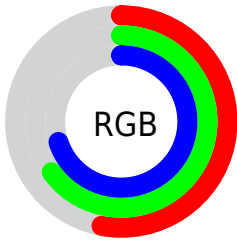
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 152, 178</a>
Decimal	<a href="#">8824242</a>
CIELab	<a href="#">65.90, -7.65, -10.23</a>
CIElCh	<a href="#">66, 12.769, 233.207</a>
Yxy	<a href="#">35.1930, 0.2753, 0.3093</a>
Android (android.graphics.Color)	<a href="#">4287014322</a> ( <a href="#">0xFF86A5B2</a> )
YUV	<a href="#">157.2130, 10.2480, -20.3578</a>
Hunter-Lab	<a href="#">59.3236, -9.5695, -5.7082</a>

# Details

The Hex color **86A5B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B29386**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BCDCEA**, and **53717D** is the 20% darker color. If you saturate the color by 10%, you get **74A0B2**, and if you desaturate by 10%, it is **98AAB2**.

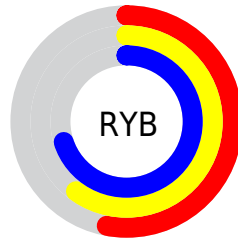
# Distribution



Red (53%)

Green (65%)

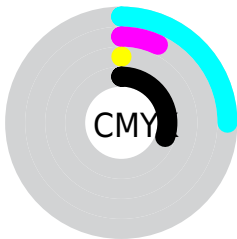
Blue (70%)



Red (53%)

Yellow (60%)

Blue (70%)

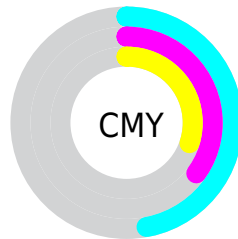


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (35%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A5B2 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 86A5B2 by changing the saturation by 10% instead.



86A5B2

86A5B2

FFFFFF

6C8B97

BCDCEA

53717D

D8F9FF

3B5964

F5FFFF

23414D

0A2B36

001720

000008

000000

86A5B2

86A5B2

74A0B2

98AAB2

629AB2

AAB0B2

5195B2

BBB5B2

3F90B2

CDBAB2

2D8BB2

DFBFB2

1B85B2

F1C5B2

0980B2

FFCAB2

007DB2

FFCFB2

FFD4B2

# Harmonies

## Analogous

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



83A7A9



86A5B2



91A2B7

# Triad

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



86A5B2



B699A3



A0A28B

# Complementary

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



86A5B2



B29386

# 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.



AC9E8A



86A5B2



B99998

# Square

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



86A5B2



AD9BAE



B59B8E



93A592

# Rectangle

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



86A5B2



9A9FB6



B59B8E



A4A18A

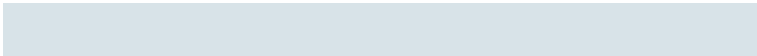


# Sweetspot

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



86A5B2



D8E3E8



86B292



6C7375



F5F5F5



757575



# Same Dimension

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



86A5B2



A2D3E8



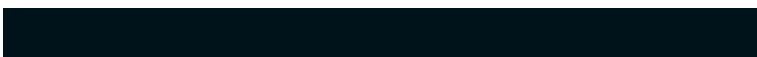
8690B2



505759



006C99



00121A



# Inverse Universe

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



B286A5



E8A2D3



B2A886



595057



99006C



1A0012



# Previews

## White Background



This preview shows how the Hex color 86A5B2 looks on a white background.

## Color Contrast Check

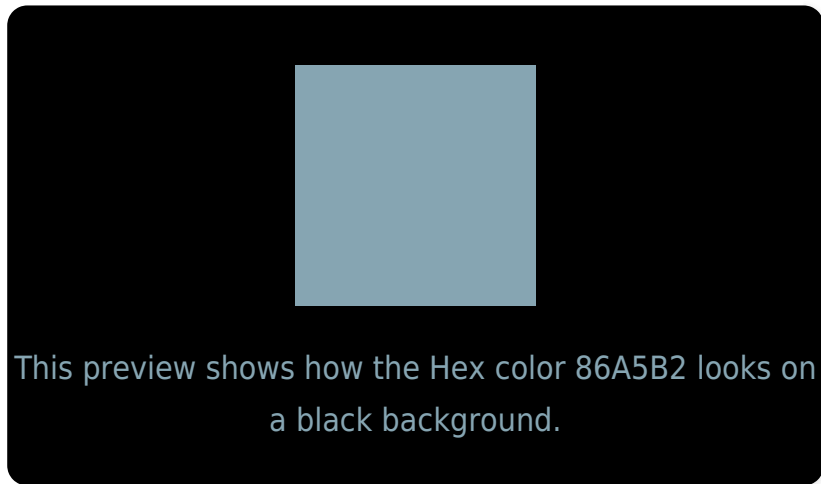
Large Text (above 18pt) WCAG AA × Fail

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

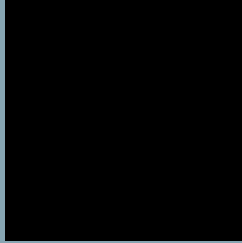
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

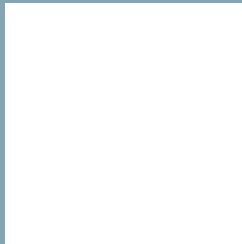
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A5B2 Background



This preview shows how black text looks on a background with the Hex color 86A5B2.



This preview shows how white text looks on a background with the Hex color 86A5B2.

# 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



**Original Color**  
86A5B2

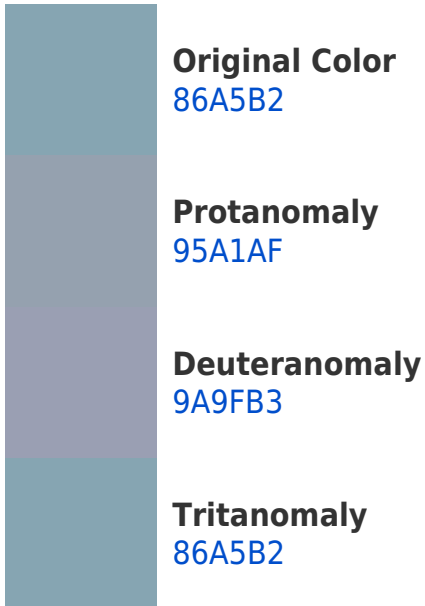
**Protanopia**  
9E9FAE

**Deuteranopia**  
A69CB4

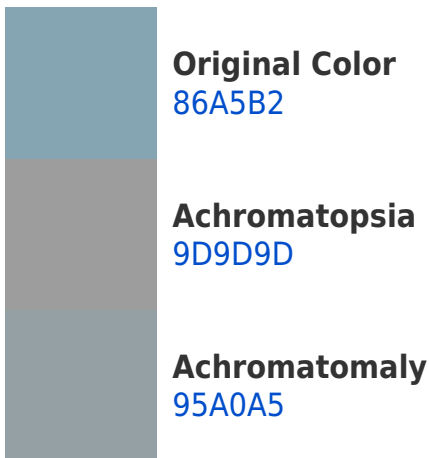


**Tritanopia**  
86A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A5B2 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 #86A5B2 looks like.

```
.text, #text, p{  
    color:#86A5B2  
}
```

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 #86A5B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A5B2
}
```

## Border

The CSS property to change the border of an element to Hex 86A5B2 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
#86A5B2 }
```

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

```
.border{ border-color:#86A5B2 }
```

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

Here you see how a box with a 4 pixel #86A5B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A5B2; -webkit-box-shadow:4px 4px  
4px 4px #86A5B2; box-shadow:4px 4px 4px  
4px #86A5B2 }
```

# Background

The CSS property to change the background color of an element to Hex 86A5B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A5B2 }
```

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

```
.background{ background-color:#86A5B2 }
```

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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