

# Converting Colors

Hex(84A6B2)

Have a look what the booklet for  
Hex(84A6B2) contains.

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# **Color**

**Hex(84A6B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A6B2
RGB	132, 166, 178
RGB Percent	52%, 65%, 70%
CMY	0.4824, 0.3490, 0.3020
CMYK	0.26, 0.07, 0.00, 0.30
HSL	196°, 23%, 61%
HSV	196°, 26%, 70%
XYZ	31.1878, 35.3923, 47.3071
YIQ	157.2020, -24.1160, -3.4760

# Conversions

## Conversions Part 2

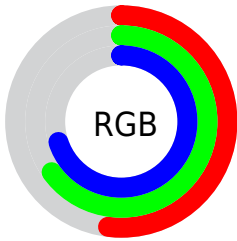
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 152, 178</a>
Decimal	<a href="#">8693426</a>
CIELab	<a href="#">66.05, -8.81, -10.01</a>
CIElCh	<a href="#">66, 13.333, 228.646</a>
Yxy	<a href="#">35.3923, 0.2738, 0.3108</a>
Android (android.graphics.Color)	<a href="#">4286883506</a> ( <a href="#">0xFF84A6B2</a> )
YUV	<a href="#">157.2020, 10.2534, -22.1022</a>
Hunter-Lab	<a href="#">59.4914, -10.5331, -5.5029</a>

# Details

The Hex color **84A6B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B29084**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BADDEA**, and **51727D** is the 20% darker color. If you saturate the color by 10%, you get **72A1B2**, and if you desaturate by 10%, it is **96ABB2**.

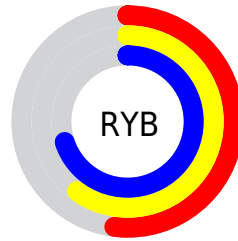
# Distribution



Red (52%)

Green (65%)

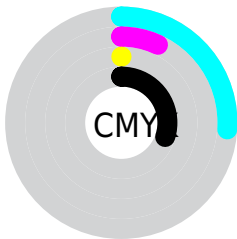
Blue (70%)



Red (52%)

Yellow (60%)

Blue (70%)

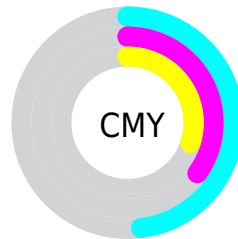


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (48%)

Magenta (35%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A6B2 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 84A6B2 by changing the saturation by 10% instead.





84A6B2



84A6B2

FFFFFF



6A8C97



BADDEA



51727D



D6FAFF



395A64



F3FFFF



21424D



072C36



001820



000008



000000



84A6B2



84A6B2

72A1B2

96ABB2

609DB2

A8AFB2

4F98B2

B9B4B2

3D93B2

CBB9B2

2B8FB2

DDBDB2

198AB2

EFC2B2

0785B2

FFC7B2

0084B2

FFCBB2

FFD0B2

# Harmonies

## Analogous

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



82A8A8



84A6B2



8EA3B8

# Triad

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



84A6B2



B699A6



A2A28A

# Complementary

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



84A6B2



B29084

# 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.



AF9E89



84A6B2



BA9999

# Square

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



84A6B2



AC9BB0



B79B8F



94A590

# Rectangle

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



84A6B2



98A0B8



B79B8F



A7A189



# Sweetspot

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



84A6B2



D5E3E8



84B290



6A7275



F5F5F5



757575



# Same Dimension

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



84A6B2



A0D5E8



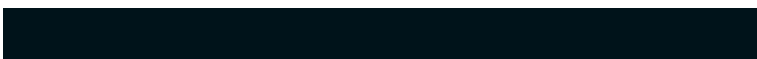
8490B2



505759



007199



00131A



# Inverse Universe

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



B284A6



E8A0D5



B2A784



595057



990071



1A0013



# Previews

## White Background



This preview shows how the Hex color 84A6B2 looks on a white background.

## Color Contrast Check

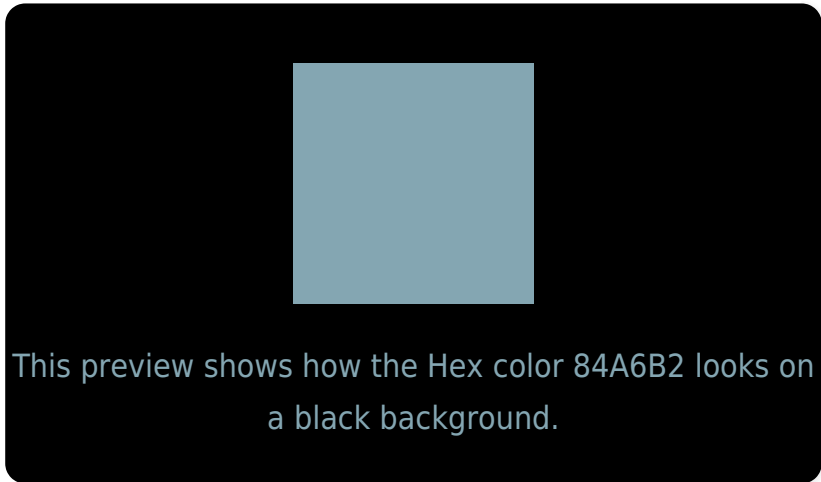
Large Text (above 18pt) WCAG AA × Fail

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

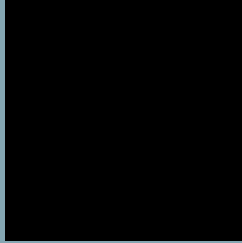
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

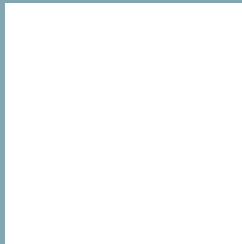
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84A6B2 Background



This preview shows how black text looks on a background with the Hex color 84A6B2.

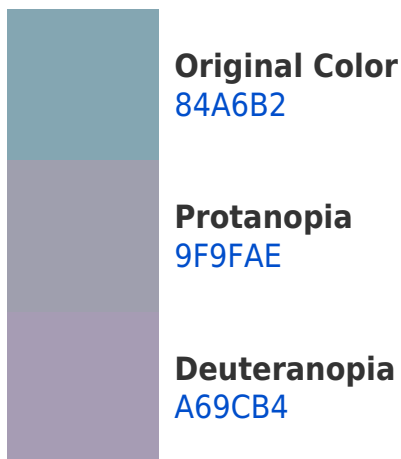


This preview shows how white text looks on a background with the Hex color 84A6B2.

# 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](#).

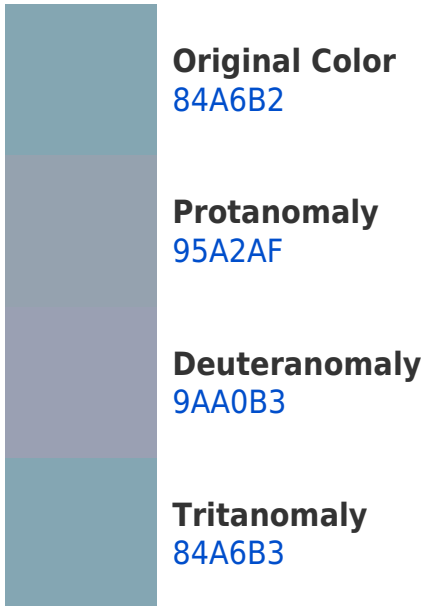
## Dichromacy



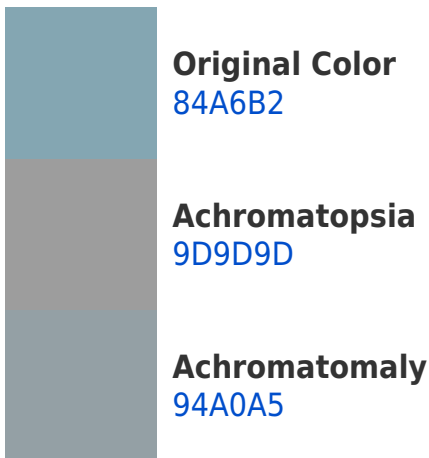


**Tritanopia**  
84A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A6B2 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 #84A6B2 looks like.

```
.text, #text, p{  
    color:#84A6B2  
}
```

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 #84A6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A6B2
}
```

## Border

The CSS property to change the border of an element to Hex 84A6B2 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
#84A6B2 }
```

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

```
.border{ border-color:#84A6B2 }
```

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

Here you see how a box with a 4 pixel #84A6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A6B2; -webkit-box-shadow:4px 4px  
4px 4px #84A6B2; box-shadow:4px 4px 4px  
4px #84A6B2 }
```

# Background

The CSS property to change the background color of an element to Hex 84A6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A6B2 }
```

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

```
.background{ background-color:#84A6B2 }
```

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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