

# Converting Colors

Hex(86A2B5)

Have a look what the booklet for  
Hex(86A2B5) contains.

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# **Color**

**Hex(86A2B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A2B5
RGB	134, 162, 181
RGB Percent	53%, 64%, 71%
CMY	0.4745, 0.3647, 0.2902
CMYK	0.26, 0.10, 0.00, 0.29
HSL	204°, 24%, 62%
HSV	204°, 26%, 71%
XYZ	31.0923, 34.2452, 48.6873
YIQ	155.7940, -22.7870, -0.0270

# Conversions

## Conversions Part 2

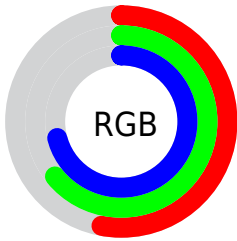
Format	Color
<a href="#">RYB</a>	<a href="#">134, 152, 181</a>
Decimal	<a href="#">8823477</a>
CIELab	<a href="#">65.16, -5.30, -13.01</a>
CIElCh	<a href="#">65, 14.050, 247.845</a>
Yxy	<a href="#">34.2452, 0.2727, 0.3003</a>
Android (android.graphics.Color)	<a href="#">4287013557</a> ( <a href="#">0xFF86A2B5</a> )
YUV	<a href="#">155.7940, 12.4266, -19.1133</a>
Hunter-Lab	<a href="#">58.5194, -7.5689, -8.3649</a>

# Details

The Hex color **86A2B5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B59986**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BCD9ED**, and **536E80** is the 20% darker color. If you saturate the color by 10%, you get **749BB5**, and if you desaturate by 10%, it is **98A9B5**.

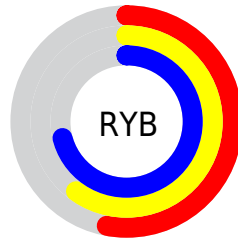
# Distribution



Red (53%)

Green (64%)

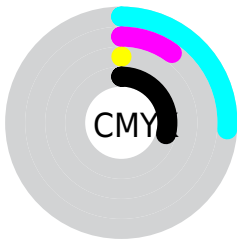
Blue (71%)



Red (53%)

Yellow (60%)

Blue (71%)

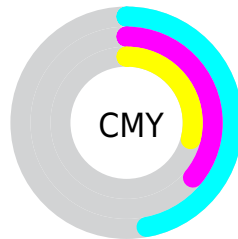


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (36%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A2B5 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 86A2B5 by changing the saturation by 10% instead.





86A2B5



86A2B5

FFFFFF



6C889A



BCD9ED



536E80



D8F5FF



3B5667



F5FFFF



233F4F



0A2938



001523



00000B



000000



86A2B5



86A2B5

749BB5

98A9B5

6293B5

AAB1B5

508CB5

BCB8B5

3E85B5

CEBFB5

2C7DB5

E1C7B5

1976B5

F3CEB5

076FB5

FFD5B5

006CB5

FFDDB5

FFE4B5

# Harmonies

## Analogous

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



7EA5AD



86A2B5



959EB7

# Triad

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



86A2B5



B8959B



96A28A

# Complementary

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



86A2B5



B59986

# 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.



A59E85



86A2B5



B8978F

# Square

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



86A2B5



B297A8



B19A87



89A594

# Rectangle

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



86A2B5



9F9BB4



B19A87



9BA188

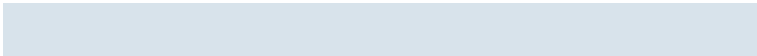


# Sweetspot

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



86A2B5



D8E3EB



86B599



6A7175



F5F5F5



757575



# Same Dimension

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



86A2B5



A2CDEB



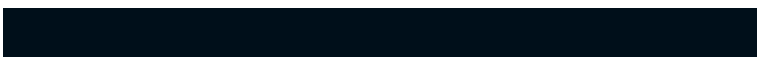
868BB5



505659



005B99



000F1A



# Inverse Universe

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



B586A2



EBA2CD



B5B086



595056



99005B

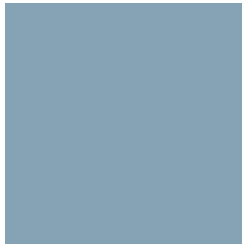


1A000F



# Previews

## White Background



This preview shows how the Hex color 86A2B5 looks on a white background.

## Color Contrast Check

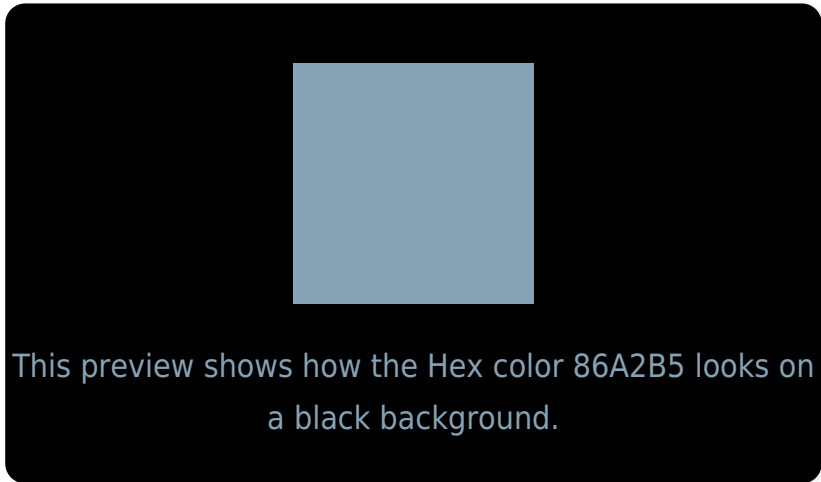
Large Text (above 18pt) WCAG AA × Fail

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

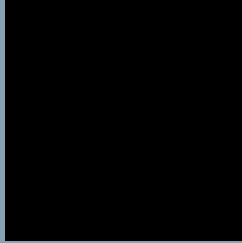
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

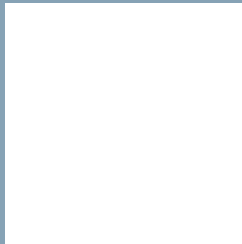
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A2B5 Background



This preview shows how black text looks on a background with the Hex color 86A2B5.

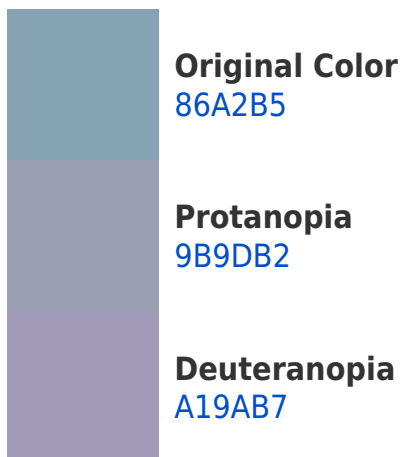


This preview shows how white text looks on a background with the Hex color 86A2B5.

# 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



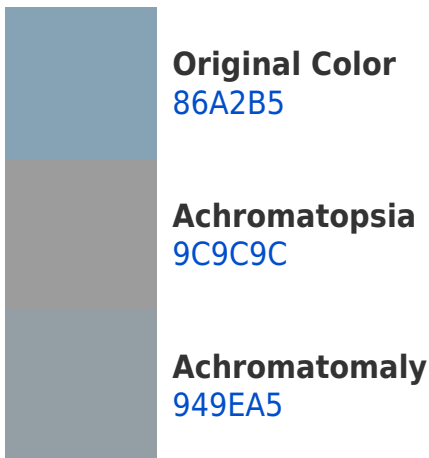


**Tritanopia**  
85A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A2B5 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 #86A2B5 looks like.

```
.text, #text, p{  
    color:#86A2B5  
}
```

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 #86A2B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A2B5
}
```

## Border

The CSS property to change the border of an element to Hex 86A2B5 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
#86A2B5 }
```

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

```
.border{ border-color:#86A2B5 }
```

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

Here you see how a box with a 4 pixel #86A2B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A2B5; -webkit-box-shadow:4px 4px  
4px 4px #86A2B5; box-shadow:4px 4px 4px  
4px #86A2B5 }
```

# Background

The CSS property to change the background color of an element to Hex 86A2B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A2B5 }
```

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

```
.background{ background-color:#86A2B5 }
```

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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