

Converting Colors

Hex(86A1C8)

Have a look what the booklet for
Hex(86A1C8) contains.

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Color

Hex(86A1C8)

Conversions

Conversions Part 1

Format	Color
Hex	86A1C8
RGB	134, 161, 200
RGB Percent	53%, 63%, 78%
CMY	0.4745, 0.3686, 0.2157
CMYK	0.33, 0.20, 0.00, 0.22
HSL	215°, 37%, 65%
HSV	215°, 33%, 78%
XYZ	33.0017, 34.7282, 59.6074
YIQ	157.3730, -28.6110, 6.4050

Conversions

Conversions Part 2

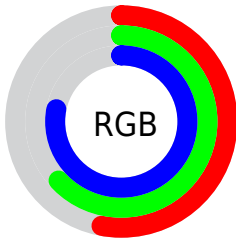
Format	Color
RYB	134, 153, 200
Decimal	8823240
CIELab	65.54, -0.02, -23.03
CIElCh	66, 23.030, 269.943
Yxy	34.7282, 0.2592, 0.2727
Android (android.graphics.Color)	4287013320 (0xFF86A1C8)
YUV	157.3730, 21.0151, -20.4981
Hunter-Lab	58.9306, -3.1669, -18.7195

Details

The Hex color **86A1C8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8AD86**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDD8FF**, and **526E92** is the 20% darker color. If you saturate the color by 10%, you get **7295C8**, and if you desaturate by 10%, it is **9AADC8**.

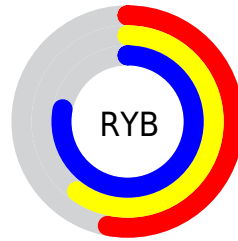
Distribution



Red (53%)

Green (63%)

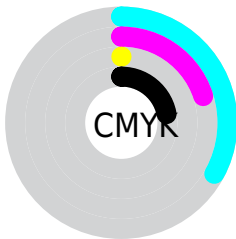
Blue (78%)



Red (53%)

Yellow (60%)

Blue (78%)

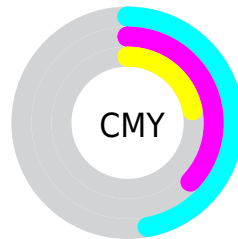


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A1C8 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 86A1C8 by changing the saturation by 10% instead.

■ 86A1C8

■ 86A1C8

FFFFFF

■ 6C87AD

■ BDD8FF

■ 526E92

■ D9F4FF

■ 385578

■ F6FFFF

■ 1E3E5F

■ 002947

■ 001431

■ 00011C

■ 000000

■ 86A1C8

■ 86A1C8

■ 7295C8

■ 9AADCC8

■ 5E89C8

■ AEB9C8

■ 4A7EC8

■ C2C4C8

■ 3672C8

■ D6D0C8

■ 2266C8

■ EADCC8

■ 0E5AC8

■ FEE8C8

■ 0052C8

■ FFF4C8

■ FFFFC8

Harmonies

Analogous

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



6DA7C2



86A1C8



A29AC3

Triad

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



86A1C8



C9928C



81A98A

Complementary

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



86A1C8



C8AD86

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.



98A47B



86A1C8



C0977C

Square

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



86A1C8



C790A0



AE9E76



6CAB9E

Rectangle

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



86A1C8



B395BA



AE9E76



88A784

Sweetspot

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



86A1C8



E6F0FF



86C8AD



707680



000000



808080

Same Dimension

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



86A1C8



99C3FF



8C86C8



5A5E63



0043A3



000F24

Inverse Universe

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



C886A1



FF99C3



C3C886



635A5E



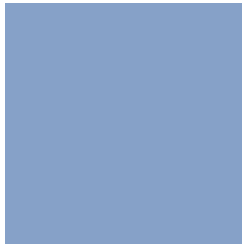
A30043



24000F

Previews

White Background



This preview shows how the Hex color 86A1C8 looks on a white background.

Color Contrast Check

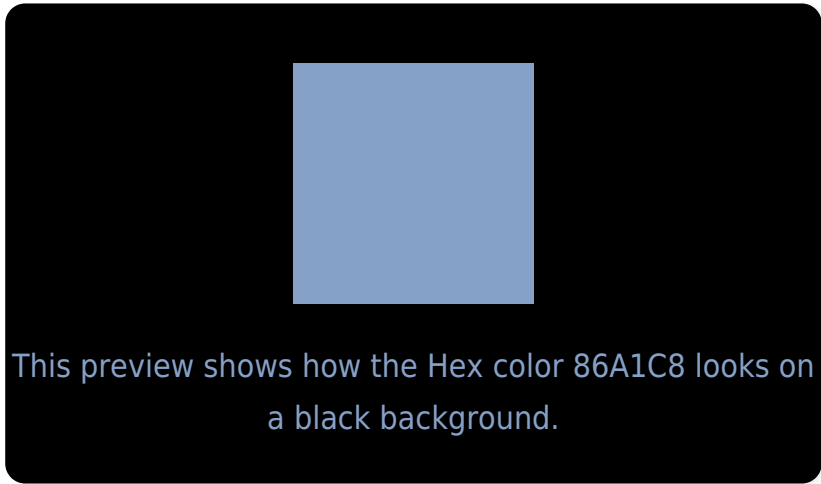
Large Text (above 18pt) WCAG AA × Fail

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

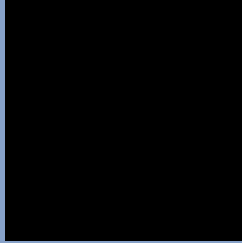
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

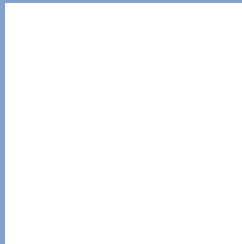
Any Text WCAG AAA ✓ Pass

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

Hex 86A1C8 Background



This preview shows how black text looks on a background with the Hex color 86A1C8.

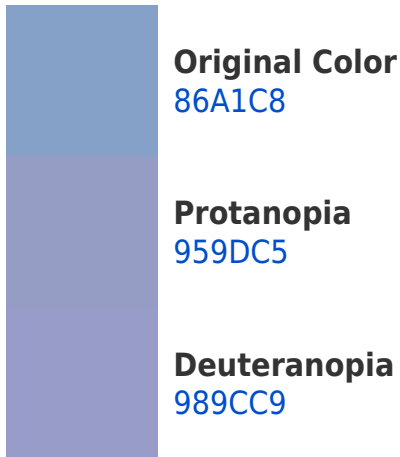


This preview shows how white text looks on a background with the Hex color 86A1C8.

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](#).

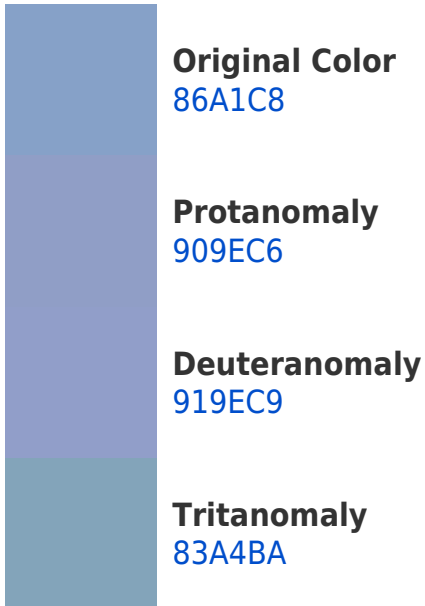
Dichromacy



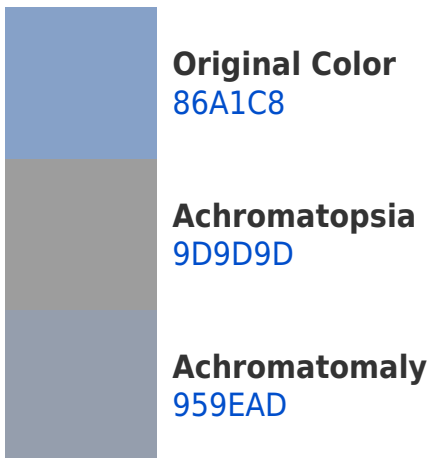


Tritanopia
81A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A1C8 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 #86A1C8 looks like.

```
.text, #text, p{  
    color:#86A1C8  
}
```

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 #86A1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A1C8
}
```

Border

The CSS property to change the border of an element to Hex 86A1C8 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
#86A1C8 }
```

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

```
.border{ border-color:#86A1C8 }
```

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

Here you see how a box with a 4 pixel #86A1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A1C8; -webkit-box-shadow:4px 4px  
4px 4px #86A1C8; box-shadow:4px 4px 4px  
4px #86A1C8 }
```

Background

The CSS property to change the background color of an element to Hex 86A1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A1C8 }
```

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

```
.background{ background-color:#86A1C8 }
```

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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