

Converting Colors

Hex(8986C6)

Have a look what the booklet for
Hex(8986C6) contains.

Hex(8986C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8986C6)

Conversions

Conversions Part 1

Format	Color
Hex	8986C6
RGB	137, 134, 198
RGB Percent	54%, 53%, 78%
CMY	0.4627, 0.4745, 0.2235
CMYK	0.31, 0.32, 0.00, 0.22
HSL	243°, 36%, 65%
HSV	243°, 32%, 78%
XYZ	29.0347, 26.4458, 57.0003
YIQ	142.1930, -18.7560, 20.5400

Conversions

Conversions Part 2

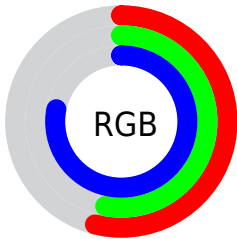
Format	Color
RYB	137, 134, 198
Decimal	9012934
CIELab	58.46, 15.80, -32.81
CIELCh	58, 36.420, 295.715
Yxy	26.4458, 0.2581, 0.2351
Android (android.graphics.Color)	4287203014 (0xFF8986C6)
YUV	142.1930, 27.5129, -4.5543
Hunter-Lab	51.4255, 10.7860, -29.7196

Details

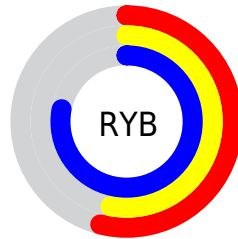
The Hex color **8986C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3C686**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C0BBFF**, and **555490** is the 20% darker color. If you saturate the color by 10%, you get **7672C6**, and if you desaturate by 10%, it is **9C9AC6**.

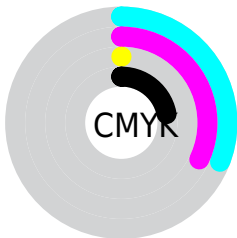
Distribution



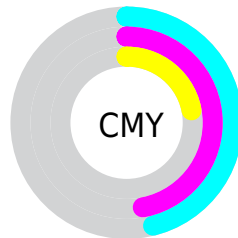
- Red (54%)
- Green (53%)
- Blue (78%)



- Red (54%)
- Yellow (53%)
- Blue (78%)



- Cyan (31%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8986C6 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 8986C6 by changing the saturation by 10% instead.

8986C6

8986C6

FFFFFF

6F6DAB

C0BBFF

555490

DCD7FF

3B3D76

F9F3FF

22285D

031445

00002E

000119

000000

8986C6

8986C6

7672C6

9C9AC6

635EC6

AFAEC6

504BC6

C2C1C6

3E37C6

D4D5C6

2B23C6

E7E9C6

180FC6

FAFDC6

0900C6

FFFFC6

Harmonies

Analogous

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



5291CC



8986C6



B07AB1

Triad

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



8986C6



BD7E59



2E9D87

Complementary

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



8986C6



C3C686

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.



5F9A67



8986C6



A5894C

Square

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



8986C6



CA7573



859352



009DA7

Rectangle

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



8986C6



C1759D



859352



419C7C

Sweetspot

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



8986C6



E7E6FF



86C4C6



717080



000000



808080

Same Dimension

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



8986C6



A09CFF



A886C6



5A5A63



0800A3



020024

Inverse Universe

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



C686C3



FF9CFA



A4C686



635A63



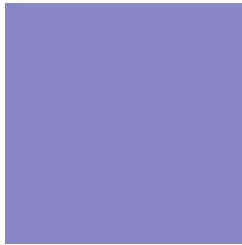
A3009C



240022

Previews

White Background



This preview shows how the Hex color 8986C6 looks on a white background.

Color Contrast Check

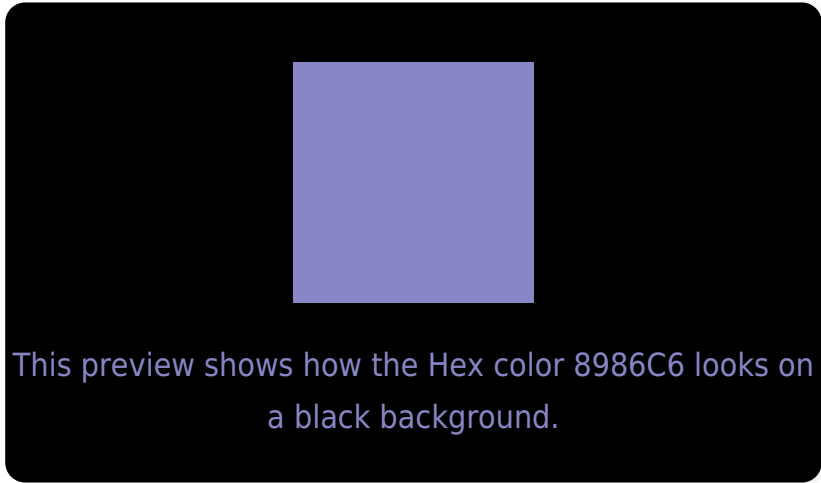
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 8986C6 Background



This preview shows how black text looks on a background with the Hex color 8986C6.

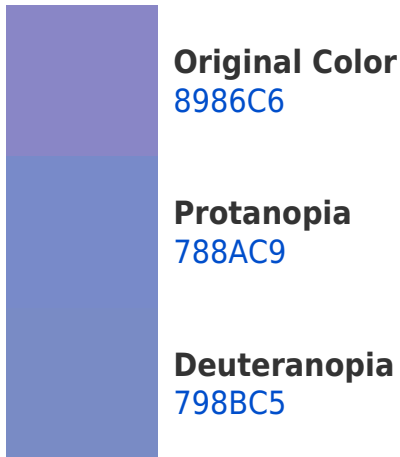


This preview shows how white text looks on a background with the Hex color 8986C6.

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](#).

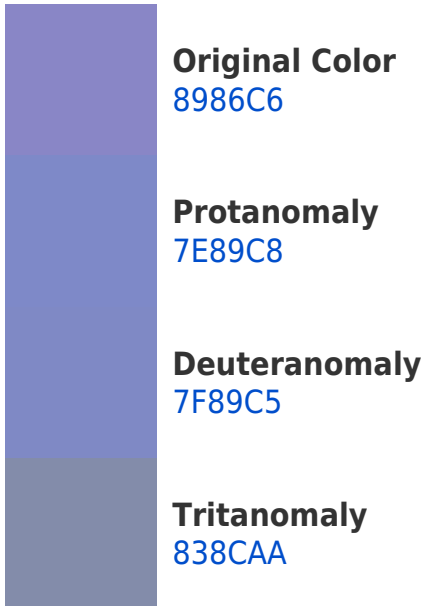
Dichromacy





Tritanopia
808F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8986C6 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 #8986C6 looks like.

```
.text, #text, p{  
    color:#8986C6  
}
```

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 #8986C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8986C6
}
```

Border

The CSS property to change the border of an element to Hex 8986C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

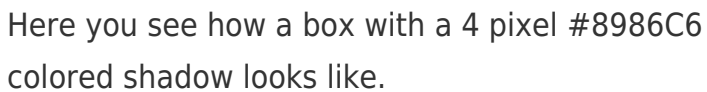
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8986C6 }
```

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

```
.border{ border-color:#8986C6 }
```

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



Here you see how a box with a 4 pixel #8986C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8986C6; -webkit-box-shadow:4px 4px  
4px 4px #8986C6; box-shadow:4px 4px 4px  
4px #8986C6 }
```

Background

The CSS property to change the background color of an element to Hex 8986C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8986C6 }
```

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

```
.background{ background-color:#8986C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor