

Converting Colors

Hex(96AACF)

Have a look what the booklet for
Hex(96AACF) contains.

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Color

Hex(96AACF)

Conversions

Conversions Part 1

Format	Color
Hex	96AACF
RGB	150, 170, 207
RGB Percent	59%, 67%, 81%
CMY	0.4118, 0.3333, 0.1882
CMYK	0.28, 0.18, 0.00, 0.19
HSL	219°, 37%, 70%
HSV	219°, 28%, 81%
XYZ	38.2149, 39.7385, 64.6876
YIQ	168.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

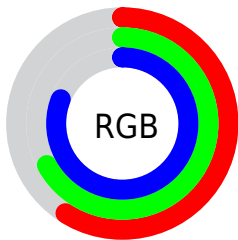
Format	Color
RYB	150, 165, 207
Decimal	9874127
CIELab	69.28, 1.44, -21.09
CIElCh	69, 21.141, 273.897
Yxy	39.7385, 0.2679, 0.2786
Android (android.graphics.Color)	4288064207 (0xFF96AACF)
YUV	168.2380, 19.1097, -15.9947
Hunter-Lab	63.0385, -2.1079, -16.7142

Details

The Hex color **96AACF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFBB96**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CDE1FF**, and **627699** is the 20% darker color. If you saturate the color by 10%, you get **819DCF**, and if you desaturate by 10%, it is **ABB7CF**.

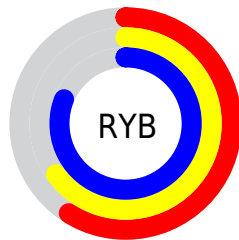
Distribution



Red (59%)

Green (67%)

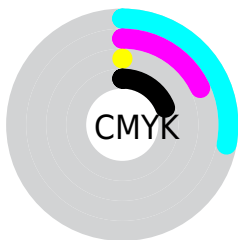
Blue (81%)



Red (59%)

Yellow (65%)

Blue (81%)

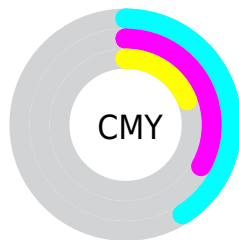


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (41%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AACF 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 96AACF by changing the saturation by 10% instead.

■ 96AACF

■ 96AACF

FFFFFF

■ 7C90B3

■ CDE1FF

■ 627699

■ EAFEFF

■ 495D7F

■ 304665

■ 17304D

■ 001B36

■ 000221

■ 000006

■ 000000

 96AACF

 96AACF


 819DCF

 ABB7CF

 6D8FCF

 BFC5CF

 5882CF

 D4D2CF

 4374CF

 E9E0CF

 2F67CF

 FEEDCF

 1A59CF

 FFFBCF

 054CCF

 FFFF CF

 0049CF

Harmonies

Analogous

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



7FB0CB



96AACF



B0A3C9

Triad

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



96AACF



D09D95



8AB398

Complementary

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



96AACF



CFBB96

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.



A0AE89



96AACF



C6A287

Square

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



96AACF



CF9CA7



B5A983



79B4AB

Rectangle

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



96AACF



BE9FC0



B5A983



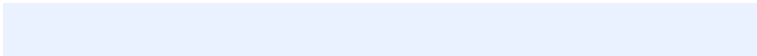
91B192

Sweetspot

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



96AACF



EBF2FF



96CFBA



737780



000000



808080

Same Dimension

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



96AACF



ABC8FF



9E96CF



5E6269



003BA8



000E29

Inverse Universe

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



CF96AA



FFABC8



C7CF96



695E62



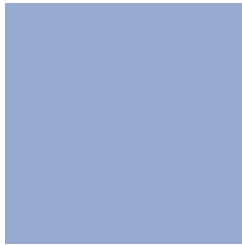
A8003B



29000E

Previews

White Background



This preview shows how the Hex color 96AACF looks on a white background.

Color Contrast Check

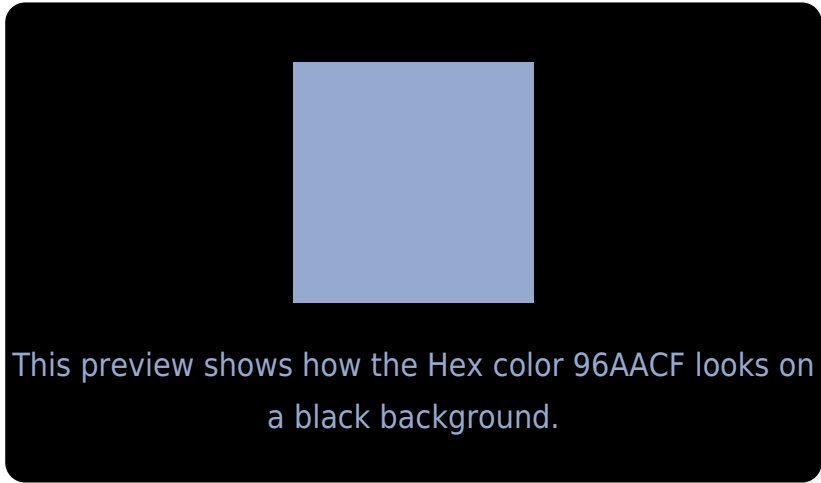
Large Text (above 18pt) WCAG AA × Fail

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

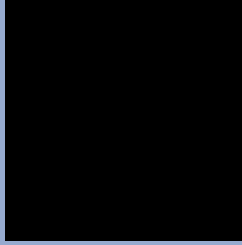
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

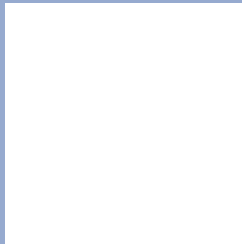
Any Text WCAG AAA ✓ Pass

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

Hex 96AACF Background



This preview shows how black text looks on a background with the Hex color 96AACF.

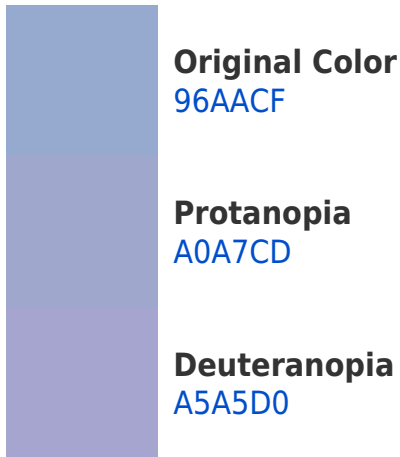


This preview shows how white text looks on a background with the Hex color 96AACF.

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](#).

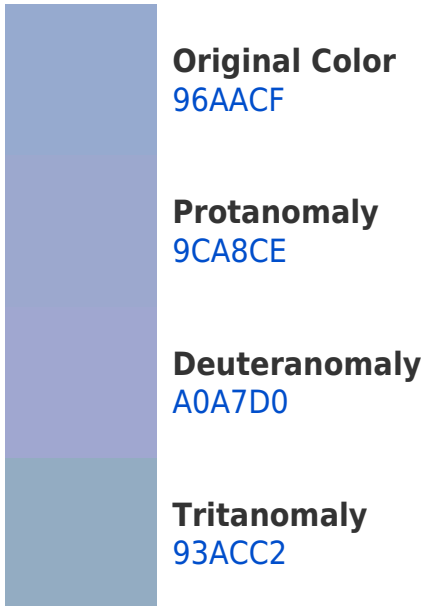
Dichromacy



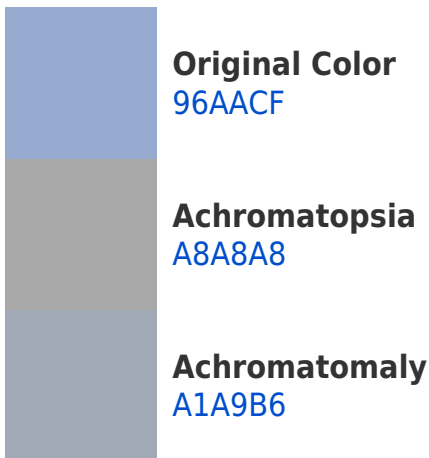


Tritanopia
92ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AACF 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 #96AACF looks like.

```
.text, #text, p{  
    color:#96AACF  
}
```

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 #96AACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AACF
}
```

Border

The CSS property to change the border of an element to Hex 96AACF 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
#96AACF }
```

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

```
.border{ border-color:#96AACF }
```

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

Here you see how a box with a 4 pixel #96AACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AACF; -webkit-box-shadow:4px 4px  
4px 4px #96AACF; box-shadow:4px 4px 4px  
4px #96AACF }
```

Background

The CSS property to change the background color of an element to Hex 96AACF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AACF }
```

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

```
.background{ background-color:#96AACF }
```

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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