

Converting Colors

Hex(96C180)

Have a look what the booklet for
Hex(96C180) contains.

Hex(96C180)	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(96C180)

Conversions

Conversions Part 1

Format	Color
Hex	96C180
RGB	150, 193, 128
RGB Percent	59%, 76%, 50%
CMY	0.4118, 0.2431, 0.4980
CMYK	0.22, 0.00, 0.34, 0.24
HSL	100°, 34%, 63%
HSV	100°, 34%, 76%
XYZ	35.5439, 46.1825, 27.4628
YIQ	172.7330, -4.7630, -29.3310

Conversions

Conversions Part 2

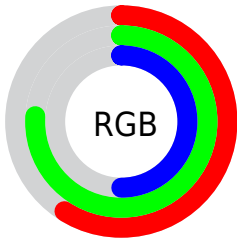
Format	Color
RYB	128, 193, 171
Decimal	9879936
CIELab	73.66, -26.25, 28.23
CIELCh	74, 38.549, 132.923
Yxy	46.1825, 0.3255, 0.4230
Android (android.graphics.Color)	4288070016 (0xFF96C180)
YUV	172.7330, -22.0534, -19.9368
Hunter-Lab	67.9577, -25.5651, 23.6103

Details

The Hex color **96C180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AB80C1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CDFAB5**, and **628B4E** is the 20% darker color. If you saturate the color by 10%, you get **89C16D**, and if you desaturate by 10%, it is **A3C193**.

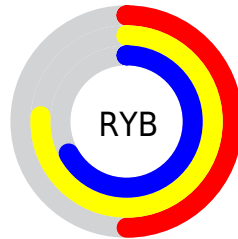
Distribution



Red (59%)

Green (76%)

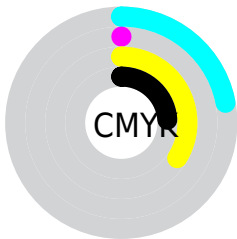
Blue (50%)



Red (50%)

Yellow (76%)

Blue (67%)

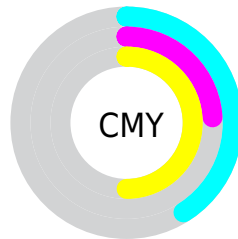


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (24%)



Cyan (41%)

Magenta (24%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C180 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 96C180 by changing the saturation by 10% instead.

 96C180

 96C180

FFFFFF

 7BA667

 CDFAB5

 628B4E

 EAFFD1

 497236

 FFFFEE

 30591F

 174108

 002A00

 001500

 000000

 96C180

 96C180

 89C16D

 A3C193

 7CC159

 B0C1A7

 70C146

 BCC1BA

 63C133

 C9C1CD

 56C120

 D6C1E1

 49C10C

 E3C1F4

 41C100

 EFC1FF

 FCC1FF

 FFC1FF

Harmonies

Analogous

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



BDB86F



96C180



6AC79F

Triad

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



96C180



5FBEF8



FA9AA7

Complementary

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



96C180



AB80C1

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.



ED9CCB



96C180



9BB3FA

Square

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



96C180



29C5E4



CDA6E9



F4A086

Rectangle

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



96C180



4AC8B7



CDA6E9



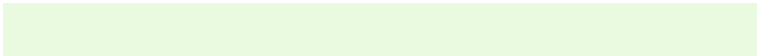
F89AB3

Sweetspot

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



96C180



E9FAE1



C1AA80



737D6E



FCFCFC



7D7D7D

Same Dimension

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



96C180



B8FA96



80C18A



5A6157



36A100



0B2100

Inverse Universe

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



AB80C1



D896FA



C180B7



5E5761



6A00A1



160021

Previews

White Background



This preview shows how the Hex color 96C180 looks on a white background.

Color Contrast Check

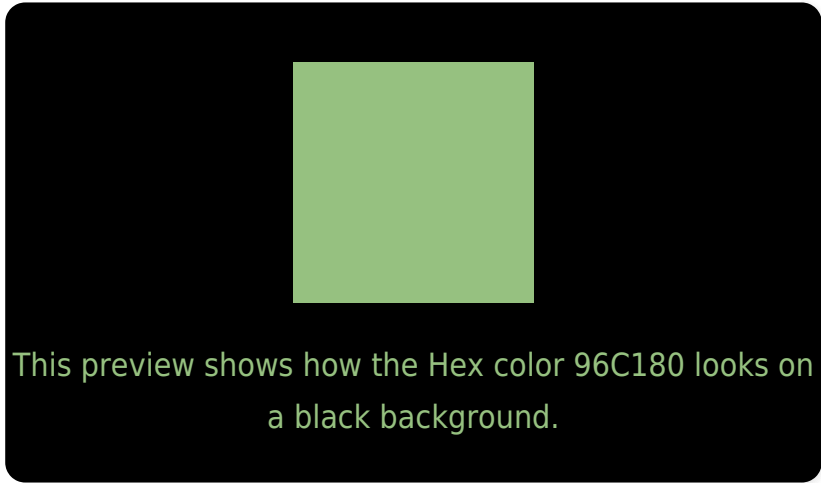
Large Text (above 18pt) WCAG AA × Fail

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

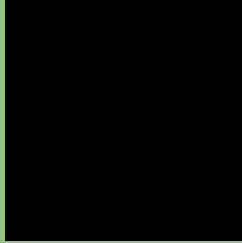
Any Text WCAG AA ✓ Pass

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 96C180 Background



This preview shows how black text looks on a background with the Hex color 96C180.

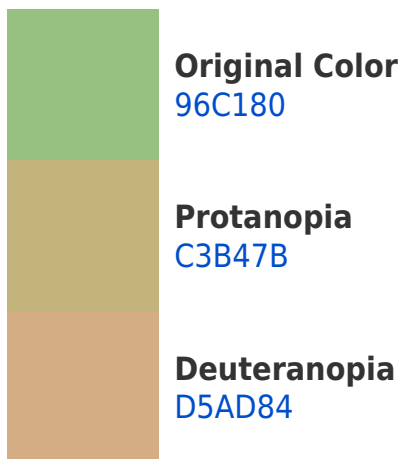


This preview shows how white text looks on a background with the Hex color 96C180.

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](#).

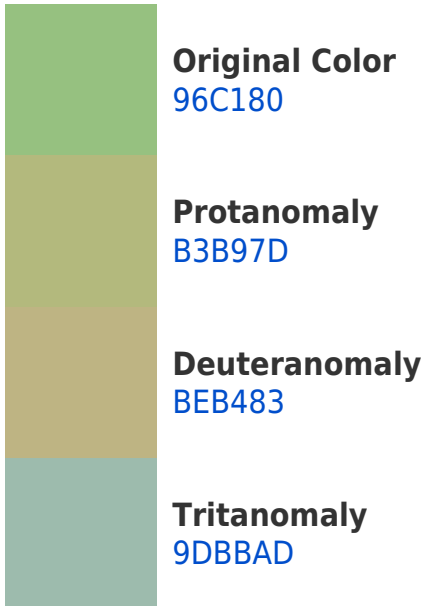
Dichromacy



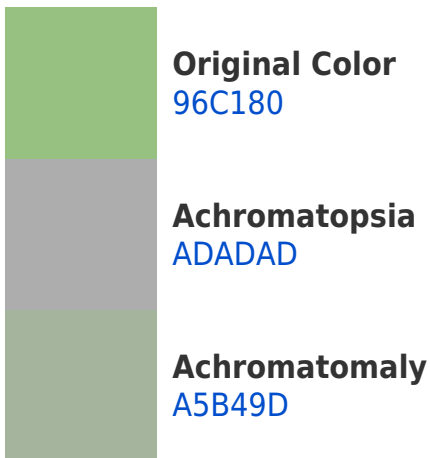


Tritanopia
A1B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C180 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 #96C180 looks like.

```
.text, #text, p{  
    color:#96C180  
}
```

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 #96C180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C180
}
```

Border

The CSS property to change the border of an element to Hex 96C180 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
#96C180 }
```

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

```
.border{ border-color:#96C180 }
```

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

Here you see how a box with a 4 pixel #96C180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C180; -webkit-box-shadow:4px 4px  
4px 4px #96C180; box-shadow:4px 4px 4px  
4px #96C180 }
```

Background

The CSS property to change the background color of an element to Hex 96C180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C180 }
```

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

```
.background{ background-color:#96C180 }
```

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