

Converting Colors

Hex(96B276)

Have a look what the booklet for
Hex(96B276) contains.

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Color

Hex(96B276)

Conversions

Conversions Part 1

Format	Color
Hex	96B276
RGB	150, 178, 118
RGB Percent	59%, 70%, 46%
CMY	0.4118, 0.3020, 0.5373
CMYK	0.16, 0.00, 0.34, 0.30
HSL	88°, 28%, 58%
HSV	88°, 34%, 70%
XYZ	31.7681, 39.6328, 23.1151
YIQ	162.7880, 2.5720, -24.5960

Conversions

Conversions Part 2

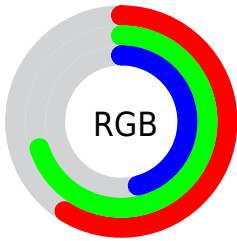
Format	Color
RYB	118, 178, 146
Decimal	9876086
CIELab	69.21, -20.28, 27.60
CIELCh	69, 34.249, 126.307
Yxy	39.6328, 0.3361, 0.4193
Android (android.graphics.Color)	4288066166 (0xFF96B276)
YUV	162.7880, -22.0805, -11.2151
Hunter-Lab	62.9546, -20.0961, 22.2987

Details

The Hex color **96B276** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9276B2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **CDEAAB**, and **627D45** is the 20% darker color. If you saturate the color by 10%, you get **8EB264**, and if you desaturate by 10%, it is **9EB288**.

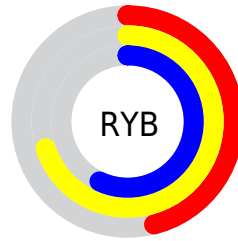
Distribution



Red (59%)

Green (70%)

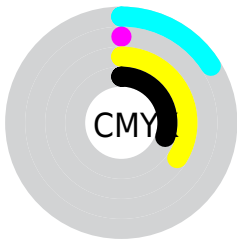
Blue (46%)



Red (46%)

Yellow (70%)

Blue (57%)

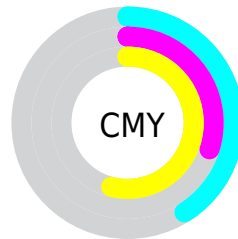


Cyan (16%)

Magenta (0%)

Yellow (34%)

Black (30%)



Cyan (41%)

Magenta (30%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96B276 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 96B276 by changing the saturation by 10% instead.



96B276



96B276

FFFFFF



7C975D



CDEAAB



627D45



E9FFC6



49642E



FFFFE2



324C17



1B3500



002000



000000



96B276



96B276



8EB264



9EB288

 85B252

 A7B29A

 7DB241

 AFB2AB

 75B22F

 B7B2BD

 6CB21D

 C0B2CF

 64B20B

 C8B2E1

 5FB200

 D0B2F3

 D8B2FF

 E1B2FF

Harmonies

Analogous

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



B8A96B



96B276



71B88F

Triad

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



96B276



57B3E1



E591A3

Complementary

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



96B276



9276B2

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.



D695C3



96B276



88AAE6

Square

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



96B276



38B8CD



B59FDB



E39586

Rectangle

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



96B276



57BAA4



B59FDB



E292AE

Sweetspot

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



96B276



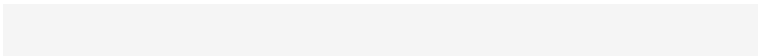
DDE8D1



B29276



6F7567



F5F5F5



757575

Same Dimension

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



96B276



BDE88B



78B276



555950



529900



0E1A00

Inverse Universe

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



9276B2



B78BE8



B076B2



545059



470099



0C001A

Previews

White Background



This preview shows how the Hex color 96B276 looks on a white background.

Color Contrast Check

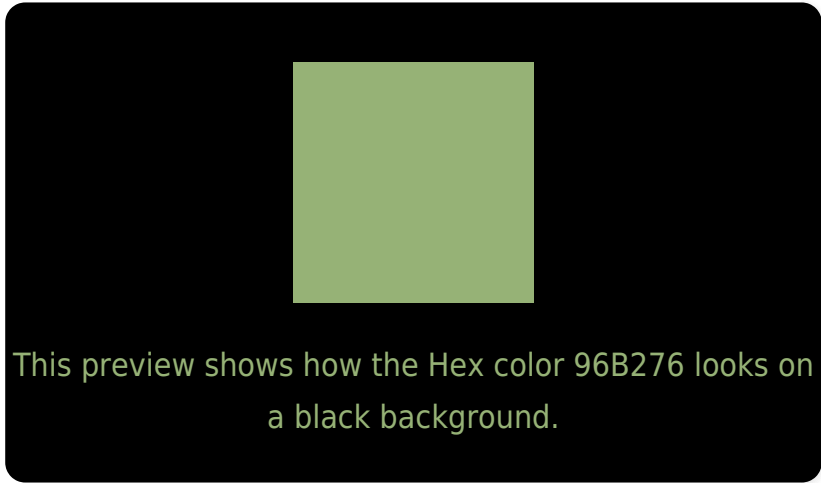
Large Text (above 18pt) WCAG AA × Fail

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

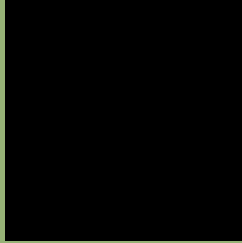
Any Text WCAG AA ✓ Pass

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 96B276 Background



This preview shows how black text looks on a background with the Hex color 96B276.

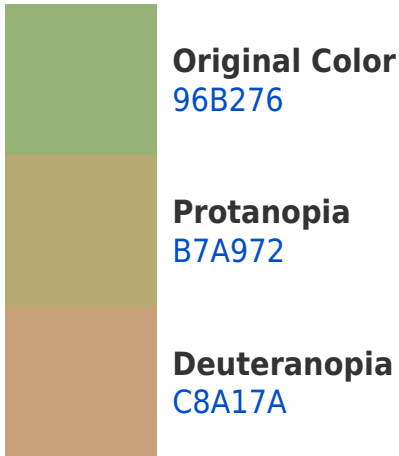


This preview shows how white text looks on a background with the Hex color 96B276.

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](#).

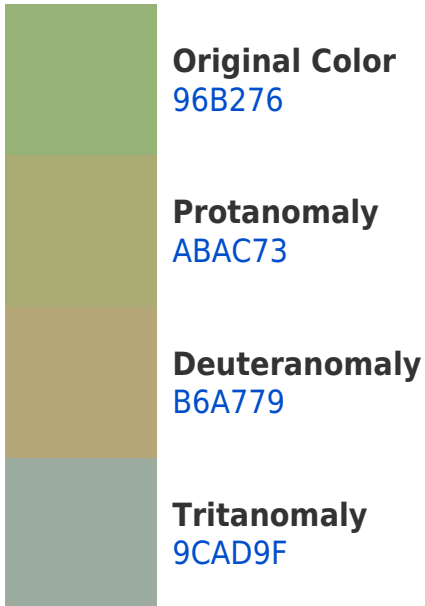
Dichromacy



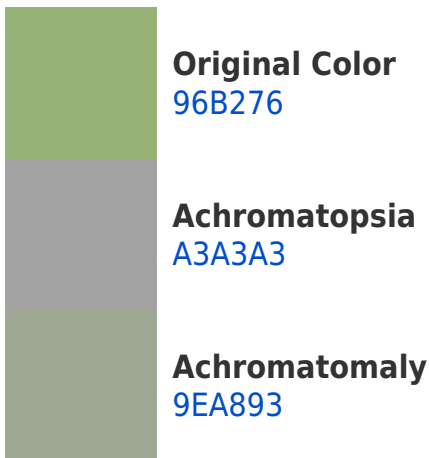


Tritanopia
9FAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96B276 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 #96B276 looks like.

```
.text, #text, p{  
    color:#96B276  
}
```

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 #96B276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B276
}
```

Border

The CSS property to change the border of an element to Hex 96B276 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
#96B276 }
```

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

```
.border{ border-color:#96B276 }
```

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

Here you see how a box with a 4 pixel #96B276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B276; -webkit-box-shadow:4px 4px  
4px 4px #96B276; box-shadow:4px 4px 4px  
4px #96B276 }
```

Background

The CSS property to change the background color of an element to Hex 96B276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B276 }
```

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

```
.background{ background-color:#96B276 }
```

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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