

Converting Colors

Hex(96D27B)

Have a look what the booklet for
Hex(96D27B) contains.

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Color

Hex(96D27B)

Conversions

Conversions Part 1

Format	Color
Hex	96D27B
RGB	150, 210, 123
RGB Percent	59%, 82%, 48%
CMY	0.4118, 0.1765, 0.5176
CMYK	0.29, 0.00, 0.41, 0.18
HSL	101°, 49%, 65%
HSV	101°, 41%, 82%
XYZ	39.1994, 54.0073, 27.0973
YIQ	182.1420, -7.8330, -39.7770

Conversions

Conversions Part 2

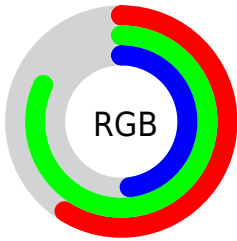
Format	Color
RYB	123, 210, 183
Decimal	9884283
CIELab	78.47, -35.00, 37.07
CIElCh	78, 50.985, 133.357
Yxy	54.0073, 0.3258, 0.4489
Android (android.graphics.Color)	4288074363 (0xFF96D27B)
YUV	182.1420, -29.1570, -28.1885
Hunter-Lab	73.4896, -33.3949, 29.5812

Details

The Hex color **96D27B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B77BD2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CEFFB1**, and **609B48** is the 20% darker color. If you saturate the color by 10%, you get **88D266**, and if you desaturate by 10%, it is **A4D290**.

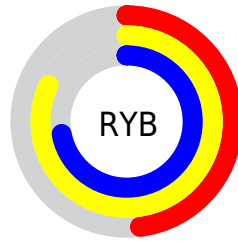
Distribution



Red (59%)

Green (82%)

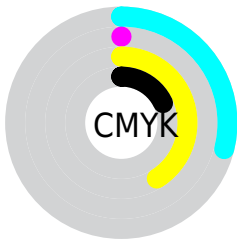
Blue (48%)



Red (48%)

Yellow (82%)

Blue (72%)

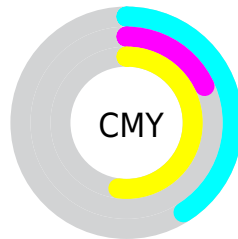


Cyan (29%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D27B 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 96D27B by changing the saturation by 10% instead.



96D27B



96D27B

FFFFFF



7BB661



CEFFB1



609B48



EBFFCC



468130



FFFFE9



2C6717



0D4F00



003700



002400



000000



96D27B



96D27B

 88D266

 A4D290

 79D251

 B3D2A5

 6BD23C

 C1D2BA

 5CD227

 D0D2CF

 4ED212

 DED2E4

 41D200

 EDD2F9

 FBD2FF

 FFD2FF

Harmonies

Analogous

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



CBC663



96D27B



51D9A5

Triad

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



96D27B



23CFFF



FF9CAF

Complementary

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



96D27B



B77BD2

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.



FF9FDF



96D27B



9CC0FF

Square

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



96D27B



00D8FF



E2AEFF



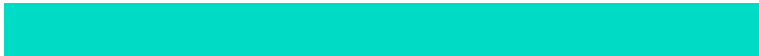
FFA683

Rectangle

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



96D27B



00DBC6



E2AEFF



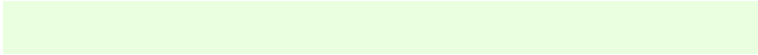
FF9BBF

Sweetspot

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



96D27B



EAFEE0



D2B67B



73806E



000000



808080

Same Dimension

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



96D27B



A7FF80



7BD28B



61695E



34A800



0D2900

Inverse Universe

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



B77BD2



D780FF



D27BC2



655E69



7400A8



1C0029

Previews

White Background



This preview shows how the Hex color 96D27B 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



This preview shows how the Hex color 96D27B looks on a 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 96D27B Background



This preview shows how black text looks on a background with the Hex color 96D27B.

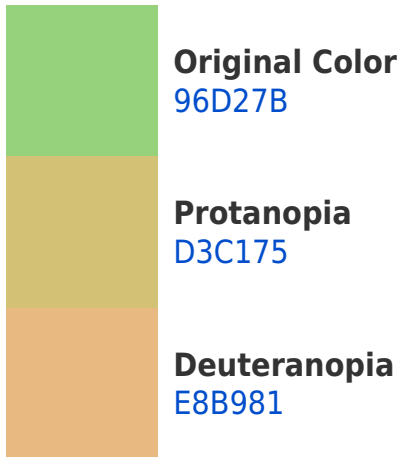


This preview shows how white text looks on a background with the Hex color 96D27B.

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](#).

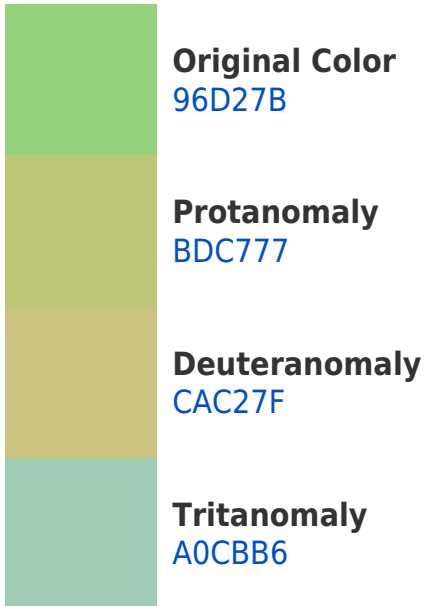
Dichromacy



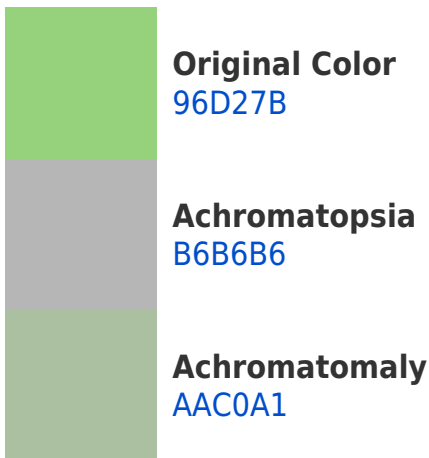


Tritanopia
A5C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D27B 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 #96D27B looks like.

```
.text, #text, p{  
    color:#96D27B  
}
```

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 #96D27B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D27B
}
```

Border

The CSS property to change the border of an element to Hex 96D27B 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
#96D27B }
```

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

```
.border{ border-color:#96D27B }
```

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

Here you see how a box with a 4 pixel #96D27B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D27B; -webkit-box-shadow:4px 4px  
4px 4px #96D27B; box-shadow:4px 4px 4px  
4px #96D27B }
```

Background

The CSS property to change the background color of an element to Hex 96D27B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D27B }
```

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

```
.background{ background-color:#96D27B }
```

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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