

Converting Colors

Hex(96DA79)

Have a look what the booklet for
Hex(96DA79) contains.

Hex(96DA79)	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(96DA79)

Conversions

Conversions Part 1

Format	Color
Hex	96DA79
RGB	150, 218, 121
RGB Percent	59%, 85%, 47%
CMY	0.4118, 0.1451, 0.5255
CMYK	0.31, 0.00, 0.44, 0.15
HSL	102°, 57%, 66%
HSV	102°, 44%, 85%
XYZ	41.1003, 58.0073, 27.1195
YIQ	186.6100, -9.3910, -44.5830

Conversions

Conversions Part 2

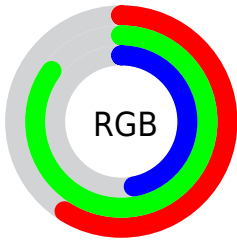
Format	Color
RYB	121, 218, 189
Decimal	9886329
CIELab	80.74, -38.90, 40.96
CIELCh	81, 56.487, 133.518
Yxy	58.0073, 0.3256, 0.4595
Android (android.graphics.Color)	4288076409 (0xFF96DA79)
YUV	186.6100, -32.3457, -32.1070
Hunter-Lab	76.1625, -36.9589, 32.2022

Details

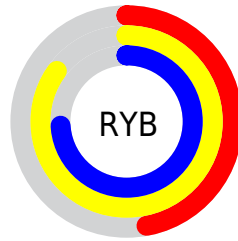
The Hex color **96DA79** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BD79DA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CEFFAF**, and **60A346** is the 20% darker color. If you saturate the color by 10%, you get **87DA63**, and if you desaturate by 10%, it is **A5DA8F**.

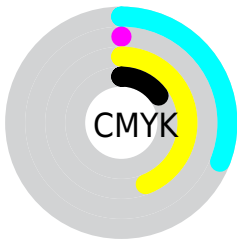
Distribution



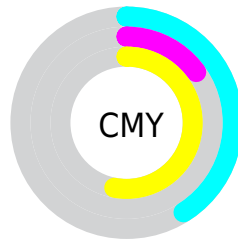
- Red (59%)
- Green (85%)
- Blue (47%)



- Red (47%)
- Yellow (85%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DA79 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 96DA79 by changing the saturation by 10% instead.

 96DA79

 96DA79

FFFFFF

 7BBE5F

 CEFFAF

 60A346

 EBFFCB

 45882D

 FFFFE7

 296E12

 045500

 003D00

 002800

 000500

 000000

 96DA79

 96DA79

 87DA63

 A5DA8F

 77DA4D

 B5DAA5

 68DA38

 C4DABA

 59DA22

 D3DAD0

 4ADA0C

 E2DAE6

 41DA00

 F2DAFC

 FFDAFF

Harmonies

Analogous

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



D1CD5E



96DA79



41E1A9

Triad

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



96DA79



00D6FF



FF9CB2

Complementary

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



96DA79



BD79DA

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.



FFA0E8



96DA79



9CC6FF

Square

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



96DA79



00E0FF



EBB1FF



FFA882

Rectangle

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



96DA79



00E3CD



EBB1FF



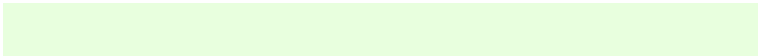
FF9CC4

Sweetspot

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



96DA79



E8FFDE



DABD79



71806B



000000



808080

Same Dimension

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



96DA79



A0FF78



79DA8C



666E63



34AD00



0E2E00

Inverse Universe

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



BD79DA



D778FF



DA79C7



6A636E



7A00AD



20002E

Previews

White Background



This preview shows how the Hex color 96DA79 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 96DA79 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 96DA79 Background



This preview shows how black text looks on a background with the Hex color 96DA79.

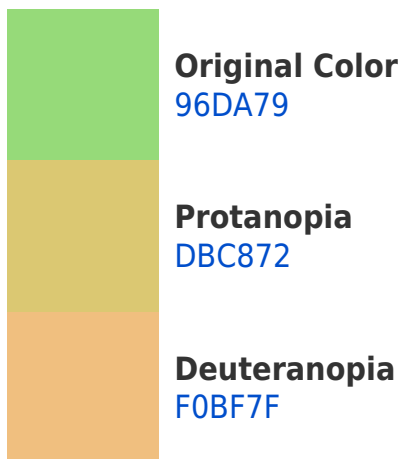


This preview shows how white text looks on a background with the Hex color 96DA79.

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
A7CEDF

Trichromacy



Original Color
96DA79



Protanomaly
C2CF75



Deuteranomaly
CFC97D



Tritanomaly
A1D2BA

Monochromacy



Original Color
96DA79



Achromatopsia
BBBBBB



Achromatomaly
AEC6A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 96DA79 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 #96DA79 looks like.

```
.text, #text, p{  
    color:#96DA79  
}
```

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 #96DA79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DA79
}
```

Border

The CSS property to change the border of an element to Hex 96DA79 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
#96DA79 }
```

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

```
.border{ border-color:#96DA79 }
```

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

Here you see how a box with a 4 pixel #96DA79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DA79; -webkit-box-shadow:4px 4px  
4px 4px #96DA79; box-shadow:4px 4px 4px  
4px #96DA79 }
```

Background

The CSS property to change the background color of an element to Hex 96DA79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DA79 }
```

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

```
.background{ background-color:#96DA79 }
```

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