

Converting Colors

Hex(96C259)

Have a look what the booklet for
Hex(96C259) contains.

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Color

Hex(96C259)

Conversions

Conversions Part 1

Format	Color
Hex	96C259
RGB	150, 194, 89
RGB Percent	59%, 76%, 35%
CMY	0.4118, 0.2392, 0.6510
CMYK	0.23, 0.00, 0.54, 0.24
HSL	85°, 46%, 55%
HSV	85°, 54%, 76%
XYZ	33.6726, 45.7889, 16.5146
YIQ	168.8740, 7.4810, -41.9830

Conversions

Conversions Part 2

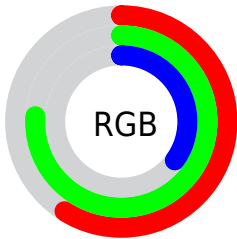
Format	Color
RYB	89, 194, 133
Decimal	9880153
CIELab	73.41, -31.59, 47.49
CIELCh	73, 57.038, 123.628
Yxy	45.7889, 0.3508, 0.4771
Android (android.graphics.Color)	4288070233 (0xFF96C259)
YUV	168.8740, -39.3779, -16.5525
Hunter-Lab	67.6675, -29.5931, 32.8972

Details

The Hex color **96C259** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8559C2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CEFB8E**, and **608C25** is the 20% darker color. If you saturate the color by 10%, you get **8EC246**, and if you desaturate by 10%, it is **9EC26C**.

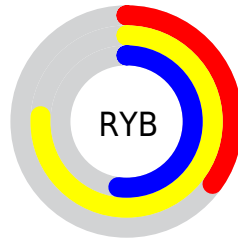
Distribution



Red (59%)

Green (76%)

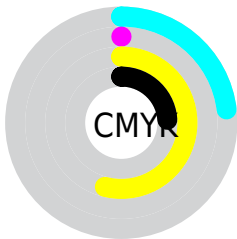
Blue (35%)



Red (35%)

Yellow (76%)

Blue (52%)

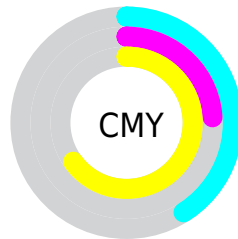


Cyan (23%)

Magenta (0%)

Yellow (54%)

Black (24%)



Cyan (41%)

Magenta (24%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C259 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 96C259 by changing the saturation by 10% instead.



96C259



96C259

FFFFFF



7BA73F



CEFB8E



608C25



EBFFA9



467204



FFFFC5



2C5A00



FFFFE1



0F4200



002B00



001400



000000



96C259



96C259

 8EC246

 9EC26C

 86C232

 A6C280

 7EC21F

 AEC293

 75C20B

 B7C2A7

 71C200

 BFC2BA

 C7C2CD

 CFC2E1

 D7C2F4

 DFC2FF

Harmonies

Analogous

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



CCB447



96C259



4CCB84

Triad

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



96C259



00C6FF



FF87B0

Complementary

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



96C259



8559C2

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.



FA90E4



96C259



5DB8FF

Square

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



96C259



00CDED



C0A4FF



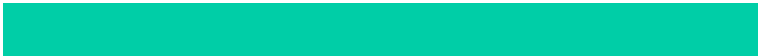
FF8E7D

Rectangle

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



96C259



00CEA7



C0A4FF



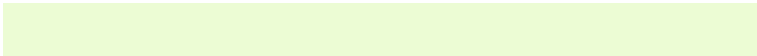
FF88C2

Sweetspot

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



96C259



ECFCD4



C28559



758067



000000



808080

Same Dimension

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



96C259



B8FC58



62C259



5D6157



5DA100



132100

Inverse Universe

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



8559C2



9D58FC



B959C2



5B5761



4300A1



0E0021

Previews

White Background



This preview shows how the Hex color 96C259 looks on a white background.

Color Contrast Check

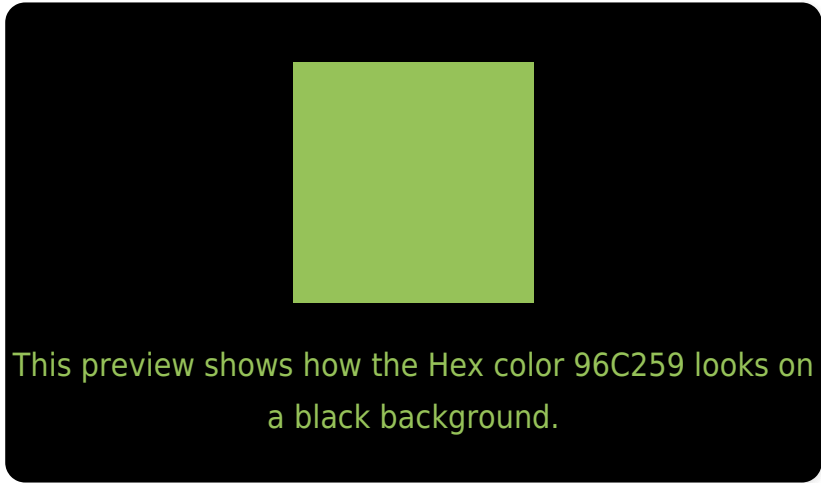
Large Text (above 18pt) WCAG AA × Fail

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 96C259 Background



This preview shows how black text looks on a background with the Hex color 96C259.

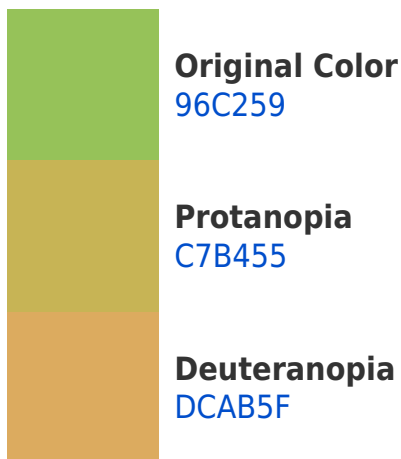


This preview shows how white text looks on a background with the Hex color 96C259.

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](#).

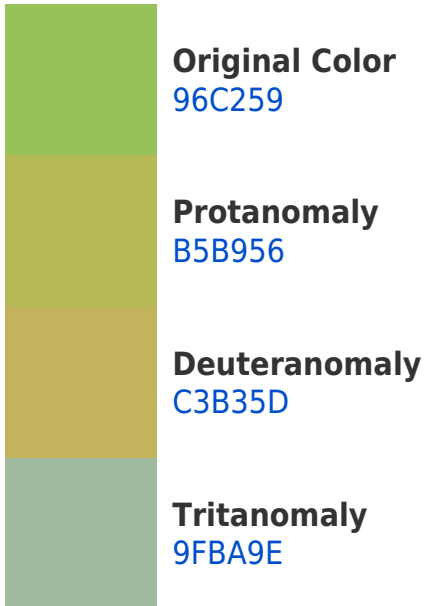
Dichromacy



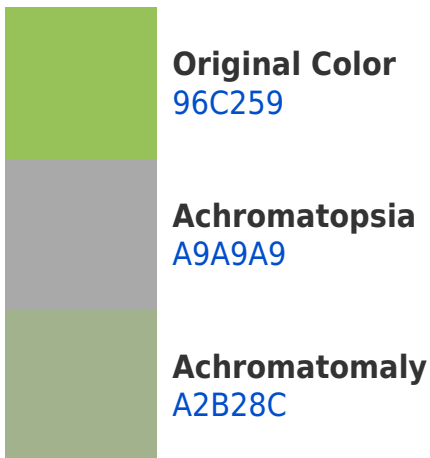


Tritanopia
A4B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C259 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 #96C259 looks like.

```
.text, #text, p{  
    color:#96C259  
}
```

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 #96C259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C259
}
```

Border

The CSS property to change the border of an element to Hex 96C259 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
#96C259 }
```

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

```
.border{ border-color:#96C259 }
```

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

Here you see how a box with a 4 pixel #96C259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C259; -webkit-box-shadow:4px 4px  
4px 4px #96C259; box-shadow:4px 4px 4px  
4px #96C259 }
```

Background

The CSS property to change the background color of an element to Hex 96C259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C259 }
```

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

```
.background{ background-color:#96C259 }
```

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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