

Converting Colors

Hex(96C383)

Have a look what the booklet for
Hex(96C383) contains.

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Color

Hex(96C383)

Conversions

Conversions Part 1

Format	Color
Hex	96C383
RGB	150, 195, 131
RGB Percent	59%, 76%, 51%
CMY	0.4118, 0.2353, 0.4863
CMYK	0.23, 0.00, 0.33, 0.24
HSL	102°, 35%, 64%
HSV	102°, 33%, 76%
XYZ	36.1895, 47.1529, 28.6668
YIQ	174.2490, -6.2760, -29.4440

Conversions

Conversions Part 2

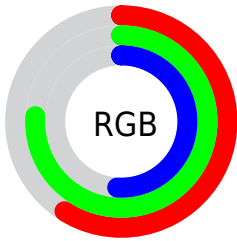
Format	Color
RYB	131, 195, 176
Decimal	9880451
CIELab	74.29, -26.77, 27.48
CIELCh	74, 38.368, 134.250
Yxy	47.1529, 0.3231, 0.4210
Android (android.graphics.Color)	4288070531 (0xFF96C383)
YUV	174.2490, -21.3218, -21.2664
Hunter-Lab	68.6680, -26.0956, 23.3159

Details

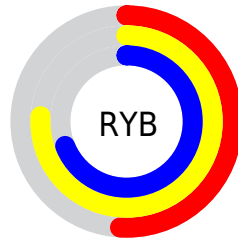
The Hex color **96C383** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B083C3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CDFCB8**, and **628D51** is the 20% darker color. If you saturate the color by 10%, you get **88C36F**, and if you desaturate by 10%, it is **A4C397**.

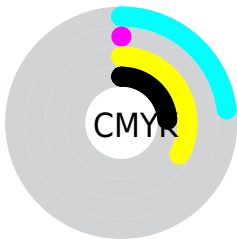
Distribution



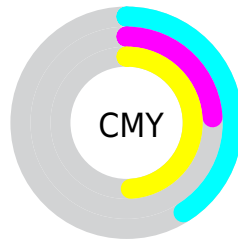
- Red (59%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C383 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 96C383 by changing the saturation by 10% instead.



96C383



96C383

FFFFFF



7BA869



CDFCB8



628D51



EAFD4



497339



FFFFF1



305B22



17430B



012C00



001800



000000



96C383



96C383

 88C36F

 A4C397

 7BC35C

 B1C3AA

 6DC349

 BFC3BD

 5FC335

 CDC3D1

 51C322

 DBC3E5

 44C30E

 E8C3F8

 3AC300

 F6C3FF

 FFC3FF

Harmonies

Analogous

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



BDBA71



96C383



6AC8A2

Triad

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



96C383



65C0FA



FC9CA7

Complementary

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



96C383



B083C3

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.



F09ECB



96C383



9FB4FB

Square

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



96C383



2FC7E7



D0A8E9



F5A287

Rectangle

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



96C383



4BCABB



D0A8E9



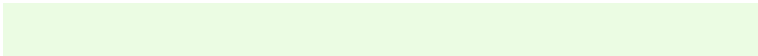
FA9BB3

Sweetspot

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



96C383



EBFCE3



C3B083



758070



000000



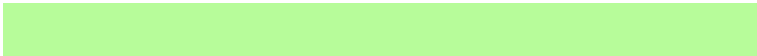
808080

Same Dimension

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



96C383



B7FC9A



83C390



5A6157



30A100



0A2100

Inverse Universe

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



B083C3



DF9AFC



C383B6



5E5761



7100A1



170021

Previews

White Background



This preview shows how the Hex color 96C383 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 96C383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

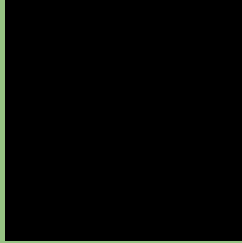
Any Text WCAG AA ✓ Pass

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 96C383 Background



This preview shows how black text looks on a background with the Hex color 96C383.

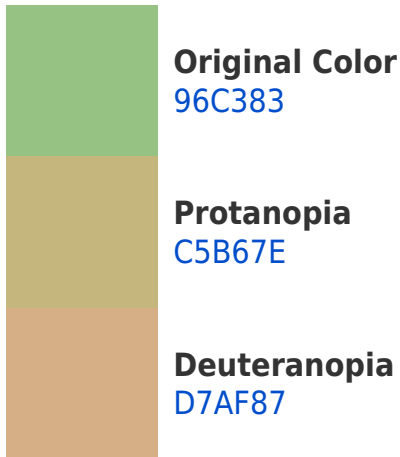


This preview shows how white text looks on a background with the Hex color 96C383.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C383 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 #96C383 looks like.

```
.text, #text, p{  
    color:#96C383  
}
```

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 #96C383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C383
}
```

Border

The CSS property to change the border of an element to Hex 96C383 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
#96C383 }
```

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

```
.border{ border-color:#96C383 }
```

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

Here you see how a box with a 4 pixel #96C383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C383; -webkit-box-shadow:4px 4px  
4px 4px #96C383; box-shadow:4px 4px 4px  
4px #96C383 }
```

Background

The CSS property to change the background color of an element to Hex 96C383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C383 }
```

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

```
.background{ background-color:#96C383 }
```

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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