

Converting Colors

Hex(96BF83)

Have a look what the booklet for
Hex(96BF83) contains.

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Color

Hex(96BF83)

Conversions

Conversions Part 1

Format	Color
Hex	96BF83
RGB	150, 191, 131
RGB Percent	59%, 75%, 51%
CMY	0.4118, 0.2510, 0.4863
CMYK	0.21, 0.00, 0.31, 0.25
HSL	101°, 32%, 63%
HSV	101°, 31%, 75%
XYZ	35.3052, 45.3843, 28.3720
YIQ	171.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

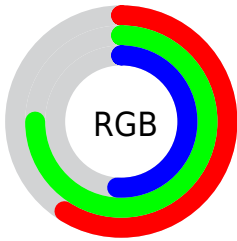
Format	Color
RYB	131, 191, 172
Decimal	9879427
CIELab	73.14, -24.82, 25.95
CIELCh	73, 35.912, 133.723
Yxy	45.3843, 0.3237, 0.4161
Android (android.graphics.Color)	4288069507 (0xFF96BF83)
YUV	171.9010, -20.1642, -19.2072
Hunter-Lab	67.3679, -24.3481, 22.1875

Details

The Hex color **96BF83** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC83BF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CDF8B8**, and **628951** is the 20% darker color. If you saturate the color by 10%, you get **89BF70**, and if you desaturate by 10%, it is **A3BF96**.

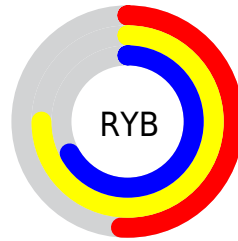
Distribution



Red (59%)

Green (75%)

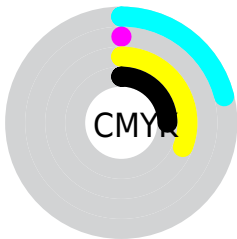
Blue (51%)



Red (51%)

Yellow (75%)

Blue (67%)

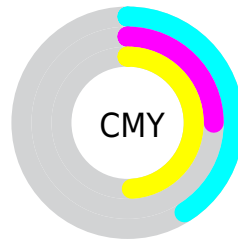


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (25%)



Cyan (41%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96BF83 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 96BF83 by changing the saturation by 10% instead.



96BF83



96BF83

FFFFFF



7CA46A



CDF8B8



628951



E9FFD4



497039



FFFFF1



315723



19400C



032900



001300



000000



96BF83



96BF83

 89BF70

 A3BF96

 7CBF5D

 B0BFA9

 6FBF4A

 BDBFBC

 62BF37

 CABFCF

 55BF23

 D7BFE3

 48BF10

 E4BFF6

 3CBF00

 F1BFFF

 FEBFFF

 FFBFFF

Harmonies

Analogous

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



BBB673



96BF83



6EC4A0

Triad

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



96BF83



69BCF2



F59BA6

Complementary

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



96BF83



AC83BF

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.



E99DC7



96BF83



9EB2F3

Square

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



96BF83



3FC3E0



CBA6E3



EEA188

Rectangle

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



96BF83



53C5B7



CBA6E3



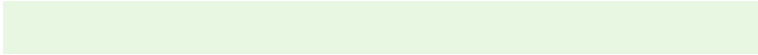
F39AB1

Sweetspot

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



96BF83



E8F7E1



BFAC83



747D6F



FCFCFC



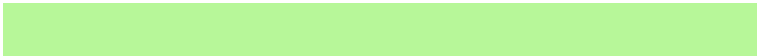
7D7D7D

Same Dimension

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



96BF83



B7F799



83BF8E



585E55



329E00



0A1F00

Inverse Universe

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



AC83BF



DA99F7



BF83B4



5B555E



6C009E



15001F

Previews

White Background



This preview shows how the Hex color 96BF83 looks on a white background.

Color Contrast Check

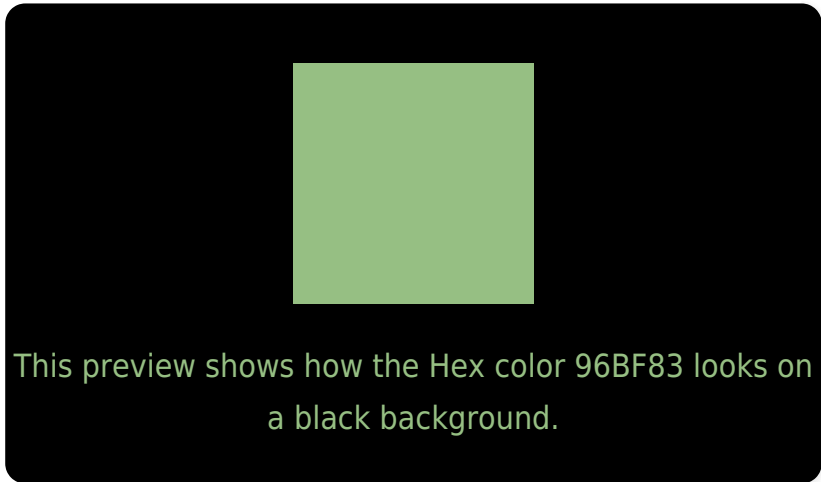
Large Text (above 18pt) WCAG AA × Fail

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

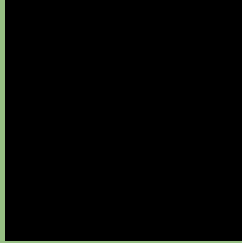
Any Text WCAG AA ✓ Pass

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 96BF83 Background



This preview shows how black text looks on a background with the Hex color 96BF83.

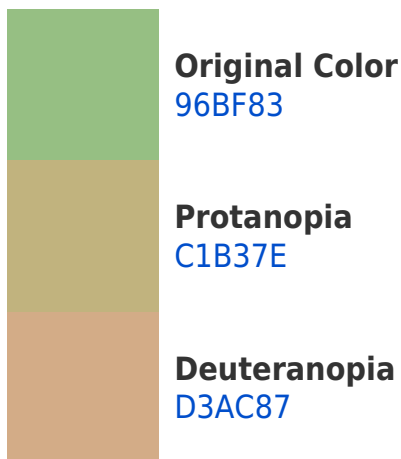


This preview shows how white text looks on a background with the Hex color 96BF83.

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



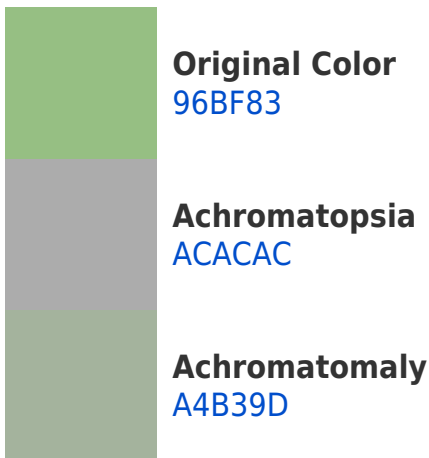


Tritanopia
A1B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96BF83 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 #96BF83 looks like.

```
.text, #text, p{  
    color:#96BF83  
}
```

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 #96BF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BF83
}
```

Border

The CSS property to change the border of an element to Hex 96BF83 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
#96BF83 }
```

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

```
.border{ border-color:#96BF83 }
```

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

Here you see how a box with a 4 pixel #96BF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BF83; -webkit-box-shadow:4px 4px  
4px 4px #96BF83; box-shadow:4px 4px 4px  
4px #96BF83 }
```

Background

The CSS property to change the background color of an element to Hex 96BF83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BF83 }
```

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

```
.background{ background-color:#96BF83 }
```

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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