

# Converting Colors

Hex(96A65B)

Have a look what the booklet for  
Hex(96A65B) contains.

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**Color**

**Hex(96A65B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A65B
RGB	150, 166, 91
RGB Percent	59%, 65%, 36%
CMY	0.4118, 0.3490, 0.6431
CMYK	0.10, 0.00, 0.45, 0.35
HSL	73°, 30%, 50%
HSV	73°, 45%, 65%
XYZ	28.1022, 34.5118, 15.0778
YIQ	152.6660, 14.5390, -26.7170

# Conversions

## Conversions Part 2

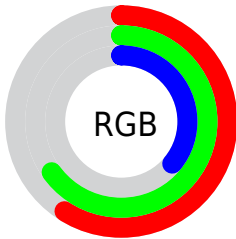
Format	Color
<a href="#">RYB</a>	<a href="#">91, 166, 107</a>
Decimal	<a href="#">9872987</a>
CIELab	<a href="#">65.37, -17.62, 36.82</a>
CIELCh	<a href="#">65, 40.816, 115.578</a>
Yxy	<a href="#">34.5118, 0.3617, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4288063067</a> ( <a href="#">0xFF96A65B</a> )
YUV	<a href="#">152.6660, -30.4013, -2.3381</a>
Hunter-Lab	<a href="#">58.7467, -17.4191, 25.9055</a>

# Details

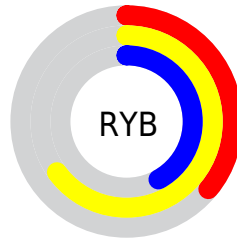
The Hex color **96A65B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B5BA6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CDDD8F**, and **62722A** is the 20% darker color. If you saturate the color by 10%, you get **92A64A**, and if you desaturate by 10%, it is **9AA66C**.

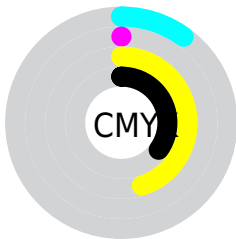
# Distribution



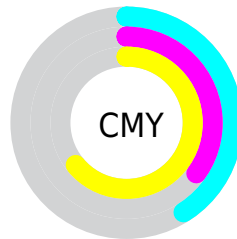
- Red (59%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A65B 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 96A65B by changing the saturation by 10% instead.





96A65B



96A65B

FFFFFF



7B8C42



CDDD8F



62722A



EAFAA9



485A11



FFFFC5



304200



FFFFE1



192C00

FFFFFFE



001900



000000



96A65B



96A65B



92A64A



9AA66C

8FA63A

9DA67C

8BA629

A1A68D

88A619

A4A69D

84A608

A8A6AE

83A600

ABA6BF

AFA6CF

B2A6E0

B6A6F0

# Harmonies

## Analogous

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



BB9B55



96A65B



6AAE74

# Triad

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



96A65B



00ADDA



E082A6

# Complementary

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



96A65B



6B5BA6

# 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.



C78AC8



96A65B



5AA4E7

# Square

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



96A65B



00B1BD



9A97E1



E48481

# Rectangle

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



96A65B



47B18B



9A97E1



DA83B2



# Sweetspot

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



96A65B



D2D9BA



A66A5B



6A6E5B



EDEDED



6E6E6E



# Same Dimension

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



96A65B



C0D964



71A65B



52544C



749400



101400



# Inverse Universe

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



6B5BA6



7D64D9



905BA6



4E4C54



200094



040014



# Previews

## White Background



This preview shows how the Hex color 96A65B looks on a white background.

## Color Contrast Check

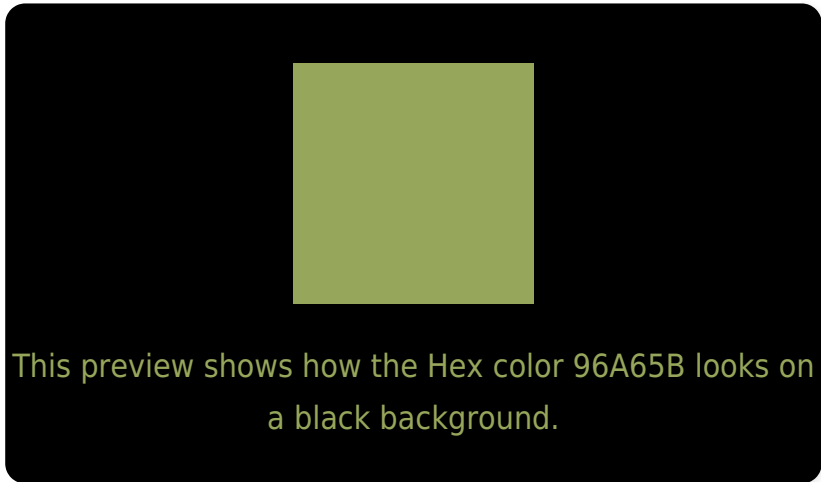
Large Text (above 18pt) WCAG AA × Fail

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

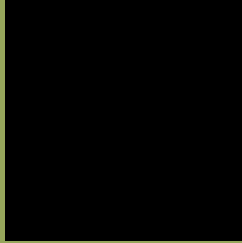
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96A65B Background



This preview shows how black text looks on a background with the Hex color 96A65B.



This preview shows how white text looks on a background with the Hex color 96A65B.

# 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](#).

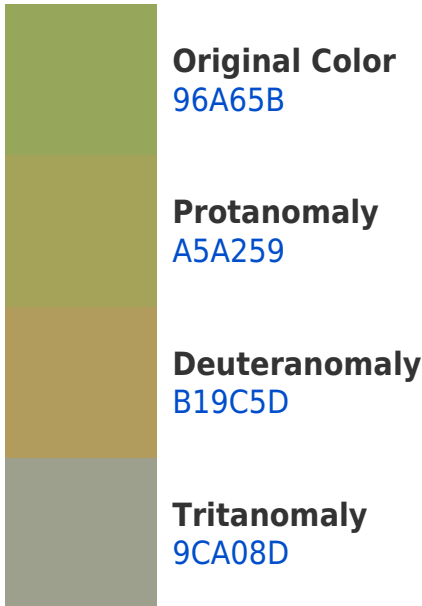
## Dichromacy



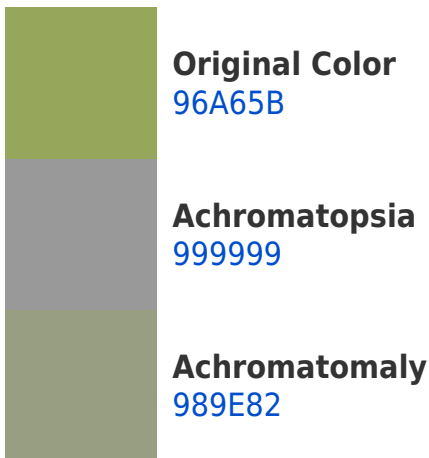


**Tritanopia**  
A09DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A65B 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 #96A65B looks like.

```
.text, #text, p{  
    color:#96A65B  
}
```

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 #96A65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A65B
}
```

## Border

The CSS property to change the border of an element to Hex 96A65B 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
#96A65B }
```

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

```
.border{ border-color:#96A65B }
```

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

Here you see how a box with a 4 pixel #96A65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A65B; -webkit-box-shadow:4px 4px  
4px 4px #96A65B; box-shadow:4px 4px 4px  
4px #96A65B }
```

# Background

The CSS property to change the background color of an element to Hex 96A65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A65B }
```

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

```
.background{ background-color:#96A65B }
```

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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