

# Converting Colors

Hex(96B324)

Have a look what the booklet for  
Hex(96B324) contains.

<b>Hex(96B324)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(96B324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B324
RGB	150, 179, 36
RGB Percent	59%, 70%, 14%
CMY	0.4118, 0.2980, 0.8588
CMYK	0.16, 0.00, 0.80, 0.30
HSL	72°, 67%, 42%
HSV	72°, 80%, 70%
XYZ	29.0162, 38.8516, 7.6389
YIQ	154.0270, 28.6190, -50.6210

# Conversions

## Conversions Part 2

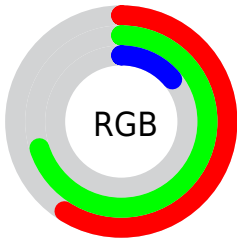
Format	Color
<a href="#">RYB</a>	<a href="#">36, 179, 65</a>
Decimal	<a href="#">9876260</a>
<a href="#">CIELab</a>	<a href="#">68.64, -28.17, 63.45</a>
<a href="#">CIElCh</a>	<a href="#">69, 69.424, 113.942</a>
<a href="#">Yxy</a>	<a href="#">38.8516, 0.3843, 0.5145</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288066340 (0xFF96B324)</a>
<a href="#">YUV</a>	<a href="#">154.0270, -58.1873, -3.5317</a>
<a href="#">Hunter-Lab</a>	<a href="#">62.3311, -25.9844, 36.3656</a>

# Details

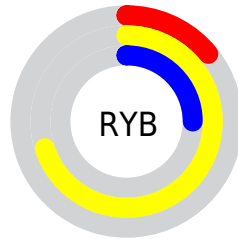
The Hex color **96B324** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4124B3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CFEB5E**, and **5F7E00** is the 20% darker color. If you saturate the color by 10%, you get **92B312**, and if you desaturate by 10%, it is **9AB336**.

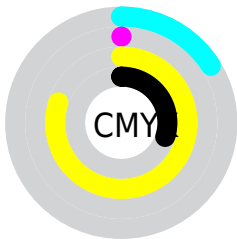
# Distribution



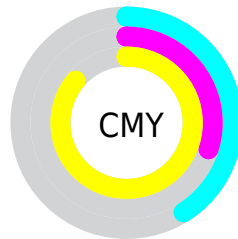
- Red (59%)
- Green (70%)
- Blue (14%)



- Red (14%)
- Yellow (70%)
- Blue (25%)



- Cyan (16%)
- Magenta (0%)
- Yellow (80%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B324 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 96B324 by changing the saturation by 10% instead.





96B324



96B324

FFFFFF



7A9800



CFEB5E



5F7E00



EDFF7A



446500



FFFF95



284D00



FFFFB2



093600



FFFCE



002200



FFFEB



000000



96B324



96B324



92B312



9AB336

 8FB300

 9DB348

 A1B35A

 A5B36C

 A8B37E

 ACB38F

 AFB3A1

 B3B3B3

 B7B3C5

# Harmonies

## Analogous

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



D2A016



96B324



3FBF59

# Triad

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



96B324



00C0FF



FF6BB7

# Complementary

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



96B324



4124B3

# 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.



E780F2



96B324



00B3FF

# Square

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



96B324



00C5D9



8F9CFF



FF6F78

# Rectangle

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



96B324



00C382



8F9CFF



FF70CC



# Sweetspot

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



96B324



DDE8B0



B34124



6E7553



F5F5F5



757575



# Same Dimension

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



96B324



BBE809



4FB324



575950



7A9900



141A00



# Inverse Universe

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



4124B3



3609E8



8824B3



525059



1F0099



05001A



# Previews

## White Background



This preview shows how the Hex color 96B324 looks on a white background.

## Color Contrast Check

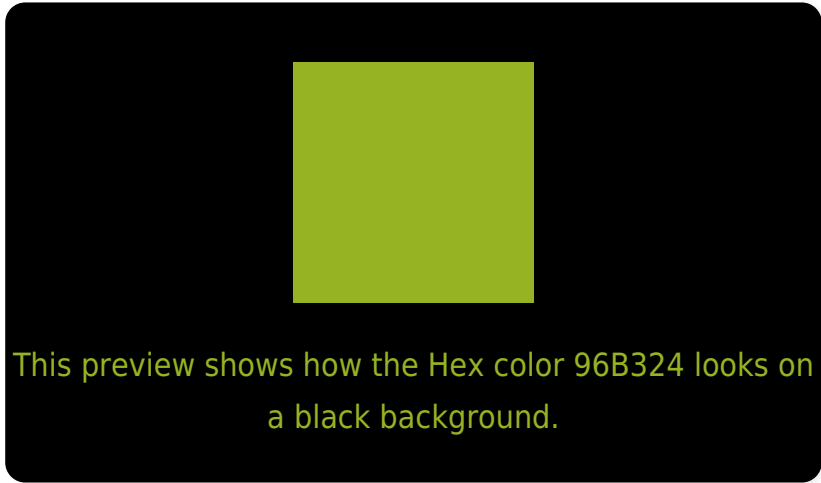
Large Text (above 18pt) WCAG AA × Fail

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 96B324 Background



This preview shows how black text looks on a background with the Hex color 96B324.



This preview shows how white text looks on a background with the Hex color 96B324.

# 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



**Original Color**  
96B324

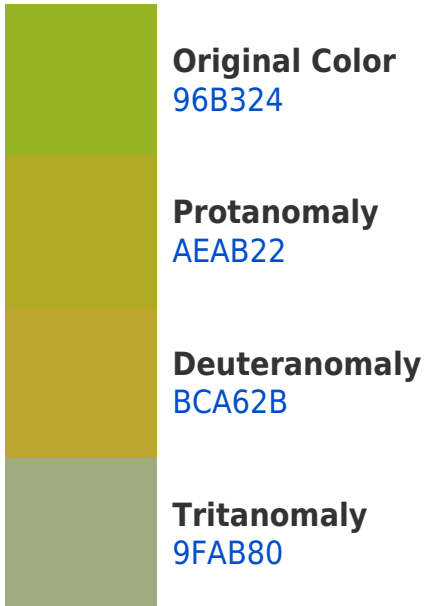
**Protanopia**  
BCA721

**Deuteranopia**  
D29F2F

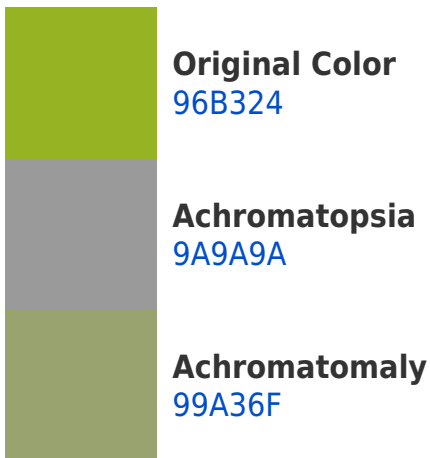


**Tritanopia**  
A4A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B324 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 #96B324 looks like.

```
.text, #text, p{  
    color:#96B324  
}
```

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 #96B324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B324
}
```

## Border

The CSS property to change the border of an element to Hex 96B324 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
#96B324 }
```

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

```
.border{ border-color:#96B324 }
```

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

Here you see how a box with a 4 pixel #96B324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B324; -webkit-box-shadow:4px 4px  
4px 4px #96B324; box-shadow:4px 4px 4px  
4px #96B324 }
```

# Background

The CSS property to change the background color of an element to Hex 96B324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B324 }
```

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

```
.background{ background-color:#96B324 }
```

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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