

# Converting Colors

Hex(90B344)

Have a look what the booklet for  
Hex(90B344) contains.

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**Color**

**Hex(90B344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90B344
RGB	144, 179, 68
RGB Percent	56%, 70%, 27%
CMY	0.4353, 0.2980, 0.7333
CMYK	0.20, 0.00, 0.62, 0.30
HSL	79°, 45%, 48%
HSV	79°, 62%, 70%
XYZ	28.6651, 38.5868, 11.4060
YIQ	155.8810, 14.7710, -41.9410

# Conversions

## Conversions Part 2

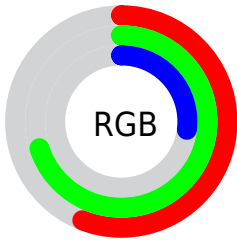
Format	Color
<a href="#">RYB</a>	<a href="#">68, 179, 103</a>
Decimal	<a href="#">9483076</a>
CIELab	<a href="#">68.45, -28.71, 51.32</a>
CIELCh	<a href="#">68, 58.807, 119.219</a>
Yxy	<a href="#">38.5868, 0.3644, 0.4906</a>
Android (android.graphics.Color)	<a href="#">4287673156 (0xFF90B344)</a>
YUV	<a href="#">155.8810, -43.3253, -10.4196</a>
Hunter-Lab	<a href="#">62.1183, -26.3365, 32.5961</a>

# Details

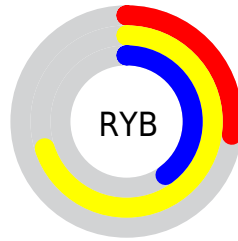
The Hex color **90B344** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6744B3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C8EB79**, and **5A7E08** is the 20% darker color. If you saturate the color by 10%, you get **8AB332**, and if you desaturate by 10%, it is **96B356**.

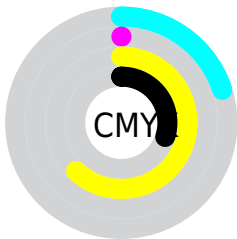
# Distribution



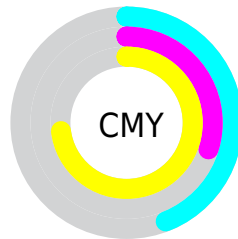
- Red (56%)
- Green (70%)
- Blue (27%)



- Red (27%)
- Yellow (70%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (62%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90B344 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 90B344 by changing the saturation by 10% instead.





90B344



90B344

FFFFFF



759829



C8EB79



5A7E08



E5FF94



406500



FFFFAF



274D00



FFFFCB



073600



FFFFE8



002200



000000



90B344



90B344



8AB332



96B356

 85B320

 9BB368

 7FB30E

 A1B37A

 7BB300

 A7B38C

 ACB39E

 B2B3AF

 B8B3C1

 BDB3D3

 C3B3E5

# Harmonies

## Analogous

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



C5A435



90B344



46BC6E

# Triad

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



90B344



00BAFF



FF77AB

# Complementary

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



90B344



6744B3

# 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.



E684DE



90B344



16ADFF

# Square

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



90B344



00C0D9



A699FF



FF7D76

# Rectangle

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



90B344



00C091



A699FF



FE79BC



# Sweetspot

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



90B344



DAE8BC



B36544



6D755A



F5F5F5



757575



# Same Dimension

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



90B344



B2E83C



5AB344



565950



699900



111A00



# Inverse Universe

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



6744B3



723CE8



9D44B3



535059



300099



08001A



# Previews

## White Background



This preview shows how the Hex color 90B344 looks on a white background.

## Color Contrast Check

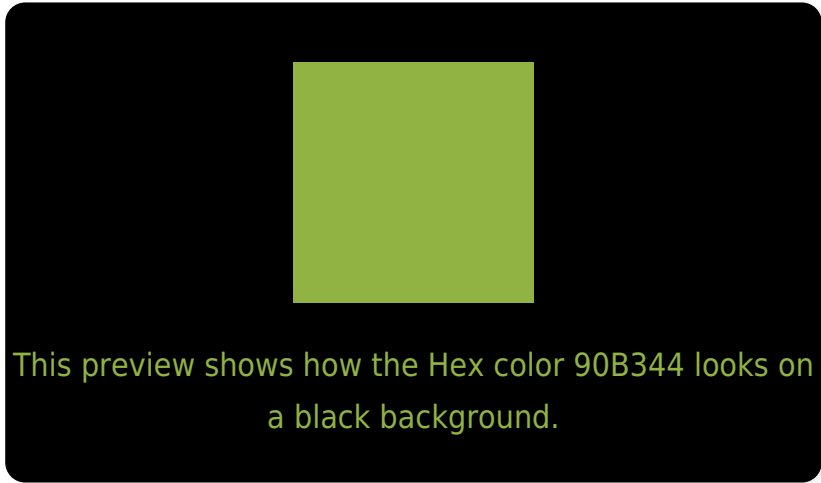
Large Text (above 18pt) WCAG AA × Fail

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 90B344 Background



This preview shows how black text looks on a background with the Hex color 90B344.

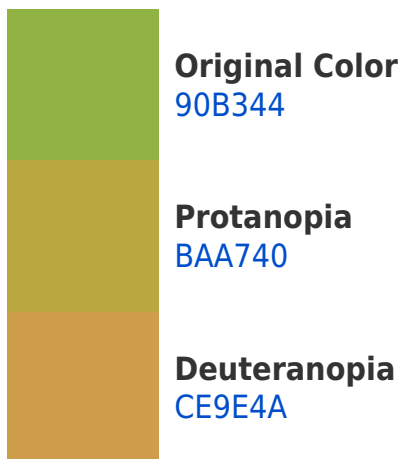


This preview shows how white text looks on a background with the Hex color 90B344.

# 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](#).

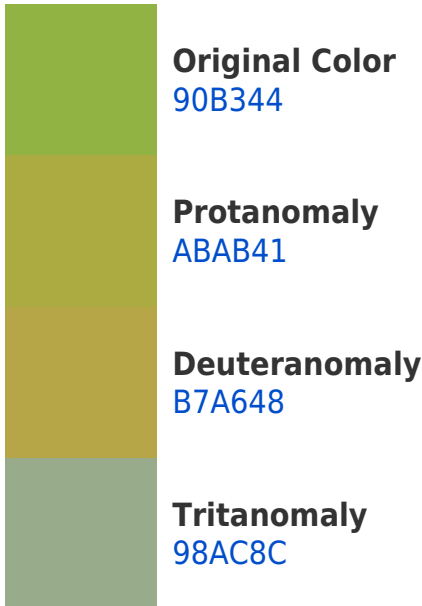
## Dichromacy



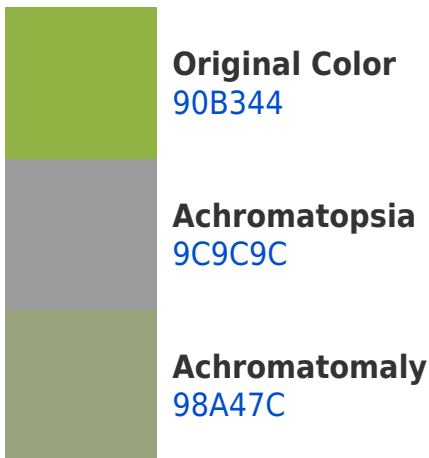


**Tritanopia**  
9DA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90B344 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 #90B344 looks like.

```
.text, #text, p{  
    color:#90B344  
}
```

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 #90B344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B344
}
```

## Border

The CSS property to change the border of an element to Hex 90B344 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
#90B344 }
```

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

```
.border{ border-color:#90B344 }
```

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

Here you see how a box with a 4 pixel #90B344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B344; -webkit-box-shadow:4px 4px  
4px 4px #90B344; box-shadow:4px 4px 4px  
4px #90B344 }
```

# Background

The CSS property to change the background color of an element to Hex 90B344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B344 }
```

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

```
.background{ background-color:#90B344 }
```

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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