

# Converting Colors

Hex(94D84B)

Have a look what the booklet for  
Hex(94D84B) contains.

<b>Hex(94D84B)</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(94D84B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D84B
RGB	148, 216, 75
RGB Percent	58%, 85%, 29%
CMY	0.4196, 0.1529, 0.7059
CMYK	0.31, 0.00, 0.65, 0.15
HSL	89°, 64%, 57%
HSV	89°, 65%, 85%
XYZ	38.0386, 55.9156, 15.4446
YIQ	179.5940, 4.7330, -58.2670

# Conversions

## Conversions Part 2

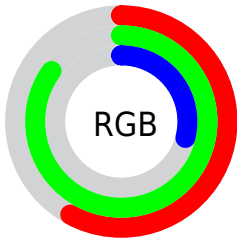
Format	Color
<a href="#">RYB</a>	<a href="#">75, 216, 143</a>
Decimal	<a href="#">9754699</a>
CIELab	<a href="#">79.57, -43.45, 60.46</a>
CIELCh	<a href="#">80, 74.460, 125.704</a>
Yxy	<a href="#">55.9156, 0.3477, 0.5111</a>
Android (android.graphics.Color)	<a href="#">4287944779 (0xFF94D84B)</a>
YUV	<a href="#">179.5940, -51.5648, -27.7079</a>
Hunter-Lab	<a href="#">74.7768, -40.0572, 40.0978</a>

# Details

The Hex color **94D84B** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8F4BD8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CEFF82**, and **5CA107** is the 20% darker color. If you saturate the color by 10%, you get **8AD835**, and if you desaturate by 10%, it is **9ED861**.

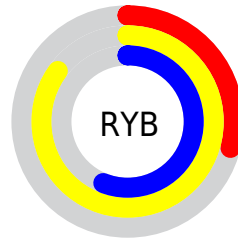
# Distribution



Red (58%)

Green (85%)

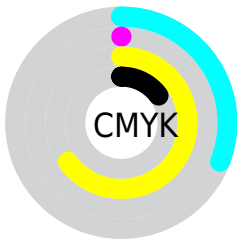
Blue (29%)



Red (29%)

Yellow (85%)

Blue (56%)

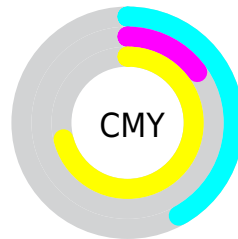


Cyan (31%)

Magenta (0%)

Yellow (65%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D84B 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 94D84B by changing the saturation by 10% instead.





94D84B



94D84B

FFFFFF



78BC2E



CEFF82



5CA107



EBFF9E



3F8600



FFFFBA



1F6C00



FFFFD6



005300



FFFFF4



003B00



002700



000000



94D84B



94D84B

 8AD835

 9ED861

 7FD820

 A9D876

 75D80A

 B3D88C

 70D800

 BED8A1

 C8D8B7

 D3D8CD

 DDD8E2

 E7D8F8

 F2D8FF

# Harmonies

## Analogous

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



DDC628



94D84B



00E289

# Triad

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



94D84B



00DBFF



FF83BB

# Complementary

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



94D84B



8F4BD8

# 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.



FF90FF



94D84B



32C9FF

# Square

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



94D84B



00E5FF



D9ADFF



FF9178

# Rectangle

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



94D84B



00E6B9



D9ADFF



FF84D2

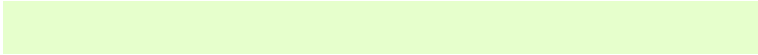


# Sweetspot

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



94D84B



E6FFCC



D88D4B



718061



000000



808080



# Same Dimension

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



94D84B



9FFF38



50D84B



666B60



58AB00



162B00



# Inverse Universe

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



8F4BD8



9838FF



D34BD8



66606B



5200AB



15002B



# Previews

## White Background



This preview shows how the Hex color 94D84B looks on a white background.

## Color Contrast Check

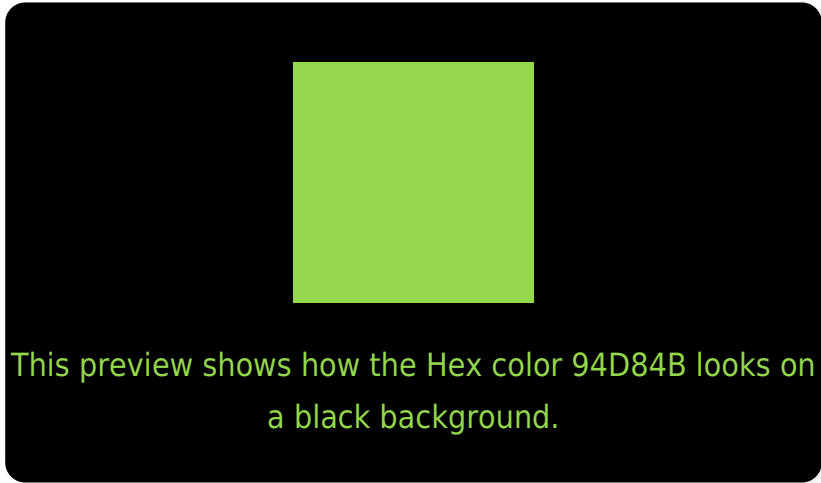
Large Text (above 18pt) WCAG AA × Fail

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 94D84B Background



This preview shows how black text looks on a background with the Hex color 94D84B.

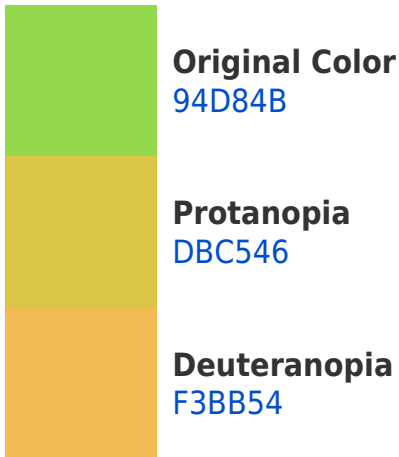


This preview shows how white text looks on a background with the Hex color 94D84B.

# 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



**Original Color**  
94D84B



**Protanomaly**  
C1CC48



**Deuteranomaly**  
D0C651



**Tritanomaly**  
A1CFA6

# Monochromacy



**Original Color**  
94D84B



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
A8C18E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D84B 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 #94D84B looks like.

```
.text, #text, p{  
    color:#94D84B  
}
```

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 #94D84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D84B
}
```

## Border

The CSS property to change the border of an element to Hex 94D84B 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
#94D84B }
```

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

```
.border{ border-color:#94D84B }
```

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

Here you see how a box with a 4 pixel #94D84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D84B; -webkit-box-shadow:4px 4px  
4px 4px #94D84B; box-shadow:4px 4px 4px  
4px #94D84B }
```

# Background

The CSS property to change the background color of an element to Hex 94D84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D84B }
```

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

```
.background{ background-color:#94D84B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor