

# Converting Colors

Hex(95D64B)

Have a look what the booklet for  
Hex(95D64B) contains.

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**Color**

**Hex(95D64B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95D64B
RGB	149, 214, 75
RGB Percent	58%, 84%, 29%
CMY	0.4157, 0.1608, 0.7059
CMYK	0.30, 0.00, 0.65, 0.16
HSL	88°, 63%, 57%
HSV	88°, 65%, 84%
XYZ	37.7110, 54.9907, 15.2833
YIQ	178.7190, 5.8790, -57.0090

# Conversions

## Conversions Part 2

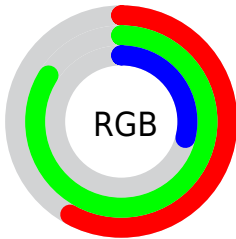
Format	Color
<a href="#">RYB</a>	<a href="#">75, 214, 140</a>
Decimal	<a href="#">9819723</a>
CIELab	<a href="#">79.04, -42.23, 59.92</a>
CIELCh	<a href="#">79, 73.303, 125.178</a>
Yxy	<a href="#">54.9907, 0.3492, 0.5092</a>
Android (android.graphics.Color)	<a href="#">4288009803</a> ( <a href="#">0xFF95D64B</a> )
YUV	<a href="#">178.7190, -51.1335, -26.0636</a>
Hunter-Lab	<a href="#">74.1557, -38.9985, 39.6895</a>

# Details

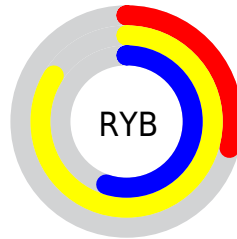
The Hex color **95D64B** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8C4BD6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CFFF82**, and **5D9F08** is the 20% darker color. If you saturate the color by 10%, you get **8BD636**, and if you desaturate by 10%, it is **9FD660**.

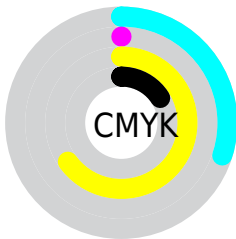
# Distribution



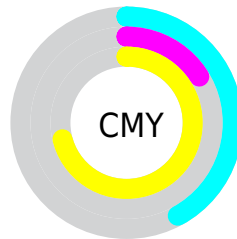
- Red (58%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (55%)



- Cyan (30%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95D64B 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 95D64B by changing the saturation by 10% instead.



 95D64B

 95D64B

FFFFFF

 79BA2E

 CFFF82

 5D9F08

 ECFF9D

 408400

 FFFFBA

 226B00

 FFFFD6

 005200

 FFFFF3

 003A00

 002500

 000000

 95D64B

 95D64B

 8BD636

 9FD660

 81D620

 A9D676

 77D60B

 B3D68B

 72D600

 BDD6A1

 C7D6B6

 D1D6CB

 DBD6E1

 E5D6F6

 EFD6FF

# Harmonies

## Analogous

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



DCC42A



95D64B



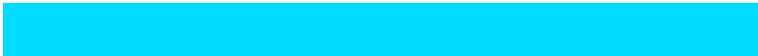
00E087

# Triad

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



95D64B



00DAFF



FF83BB

# Complementary

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



95D64B



8C4BD6

# 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.



FF90FE



95D64B



30C8FF

# Square

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



95D64B



00E3FF



D5ACFF



FF9079

# Rectangle

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



95D64B



00E4B6



D5ACFF



FF84D2

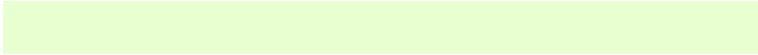


# Sweetspot

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



95D64B



E8FFCF



D68C4B



728062



000000



808080



# Same Dimension

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



95D64B



A2FF38



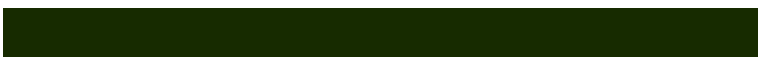
50D64B



666B60



5BAB00



172B00



# Inverse Universe

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



8C4BD6



9538FF



D14BD6



65606B



5000AB



14002B



# Previews

## White Background



This preview shows how the Hex color 95D64B looks on a white background.

## Color Contrast Check

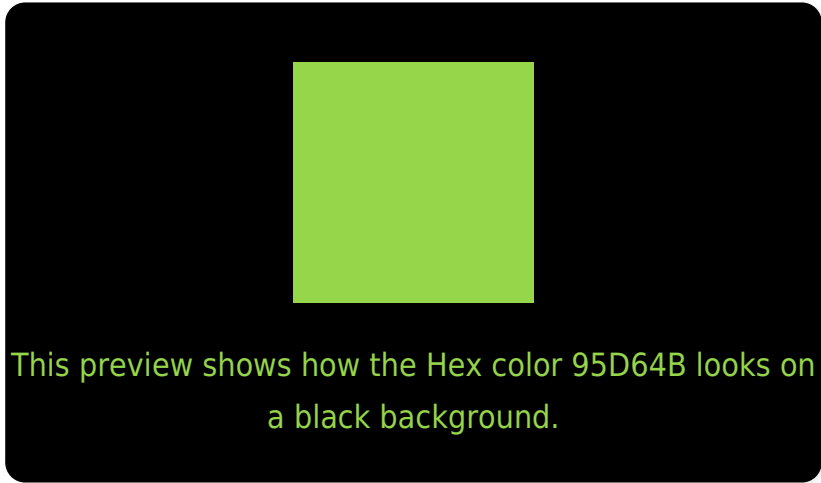
Large Text (above 18pt) WCAG AA × Fail

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 95D64B Background



This preview shows how black text looks on a background with the Hex color 95D64B.

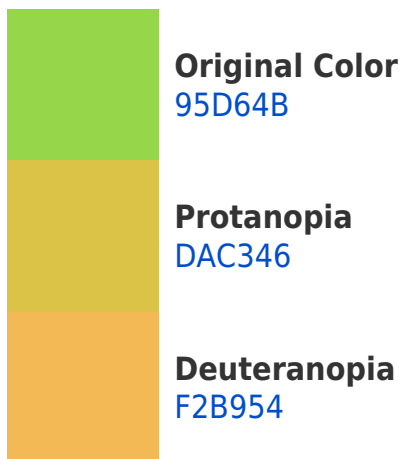


This preview shows how white text looks on a background with the Hex color 95D64B.

# 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**  
A8C8D8

# Trichromacy



**Original Color**  
95D64B



**Protanomaly**  
C1CA48



**Deuteranomaly**  
D0C451



**Tritanomaly**  
A1CDA5

# Monochromacy



**Original Color**  
95D64B



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
A8C08D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95D64B 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 #95D64B looks like.

```
.text, #text, p{  
    color:#95D64B  
}
```

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 #95D64B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D64B
}
```

## Border

The CSS property to change the border of an element to Hex 95D64B 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
#95D64B }
```

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

```
.border{ border-color:#95D64B }
```

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

Here you see how a box with a 4 pixel #95D64B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D64B; -webkit-box-shadow:4px 4px  
4px 4px #95D64B; box-shadow:4px 4px 4px  
4px #95D64B }
```

# Background

The CSS property to change the background color of an element to Hex 95D64B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D64B }
```

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

```
.background{ background-color:#95D64B }
```

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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