

# Converting Colors

Hex(95B754)

Have a look what the booklet for  
Hex(95B754) contains.

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**Color**

**Hex(95B754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95B754
RGB	149, 183, 84
RGB Percent	58%, 72%, 33%
CMY	0.4157, 0.2824, 0.6706
CMYK	0.19, 0.00, 0.54, 0.28
HSL	81°, 41%, 52%
HSV	81°, 54%, 72%
XYZ	30.9281, 40.8966, 14.6513
YIQ	161.5480, 11.5150, -37.9970

# Conversions

## Conversions Part 2

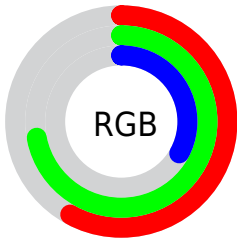
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 183, 118
Decimal	9811796
CIE <sub>Lab</sub>	70.10, -27.23, 45.97
CIE <sub>LCh</sub>	70, 53.426, 120.640
Yxy	40.8966, 0.3576, 0.4729
Android (android.graphics.Color)	4288001876 (0xFF95B754)
YUV	161.5480, -38.2312, -11.0046
Hunter-Lab	63.9505, -25.5860, 31.1818

# Details

The Hex color **95B754** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7654B7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CDEF88**, and **608220** is the 20% darker color. If you saturate the color by 10%, you get **8FB742**, and if you desaturate by 10%, it is **9BB766**.

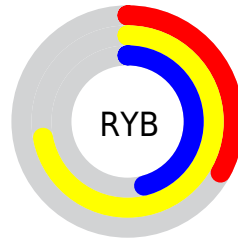
# Distribution



Red (58%)

Green (72%)

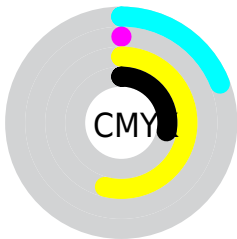
Blue (33%)



Red (33%)

Yellow (72%)

Blue (46%)

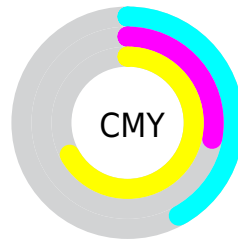


Cyan (19%)

Magenta (0%)

Yellow (54%)

Black (28%)



Cyan (42%)

Magenta (28%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95B754 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 95B754 by changing the saturation by 10% instead.





95B754



95B754

FFFFFF



7A9C3B



CDEF88



608220



EAFFA3



466900



FFFFBF



2C5000



FFFFDB



113900



FFFFF8



002400



000100



000000



95B754



95B754

 8FB742

 9BB766

 88B72F

 A2B779

 82B71D

 A8B78B

 7CB70B

 AEB79D

 78B700

 B4B7B0

 BBB7C2

 C1B7D4

 C7B7E6

 CEB7F9

# Harmonies

## Analogous

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



C6A946



95B754



55C07A

# Triad

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



95B754



00BDFE



FF82AC

# Complementary

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



95B754



7654B7

# 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.



E88CDC



95B754



4FB0FF

# Square

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



95B754



00C3DB



AF9EFF



FF877D

# Rectangle

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



95B754



00C39A



AF9EFF



FD83BD



# Sweetspot

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



95B754



E0EDC7



B77554



707861



F7F7F7



787878



# Same Dimension

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



95B754



B8ED53



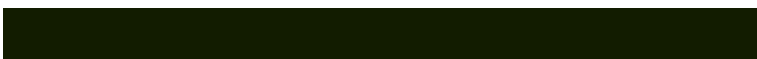
64B754



595C53



669C00



121C00



# Inverse Universe

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



7654B7



8853ED



A754B7



56535C



35009C



0A001C



# Previews

## White Background



This preview shows how the Hex color 95B754 looks on a white background.

## Color Contrast Check

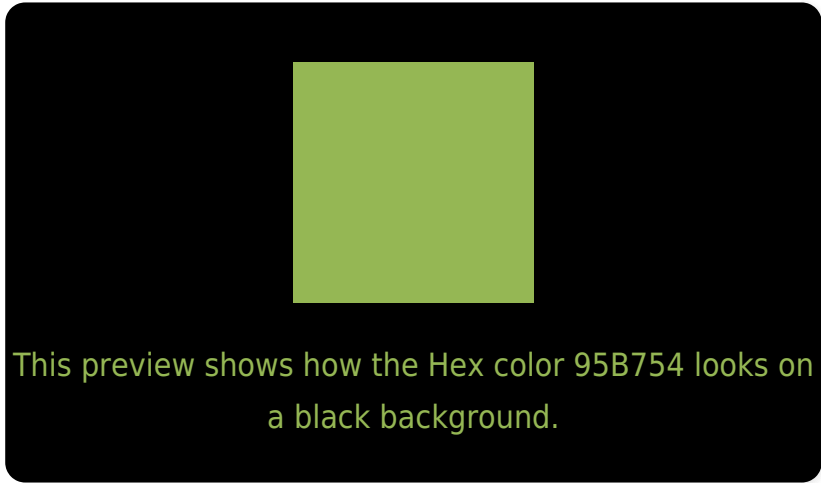
Large Text (above 18pt) WCAG AA × Fail

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

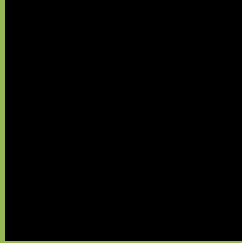
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95B754 Background



This preview shows how black text looks on a background with the Hex color 95B754.

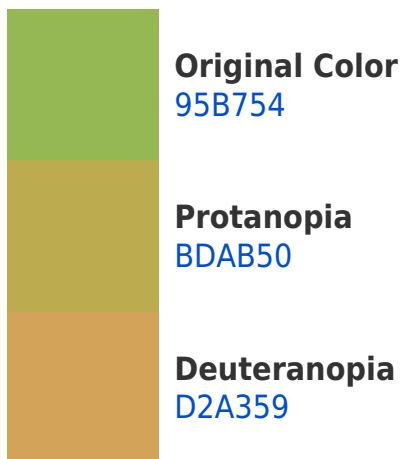


This preview shows how white text looks on a background with the Hex color 95B754.

# Color Blindness Simulation

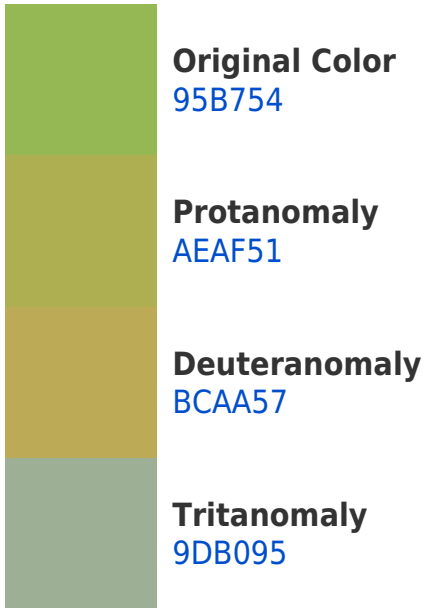
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

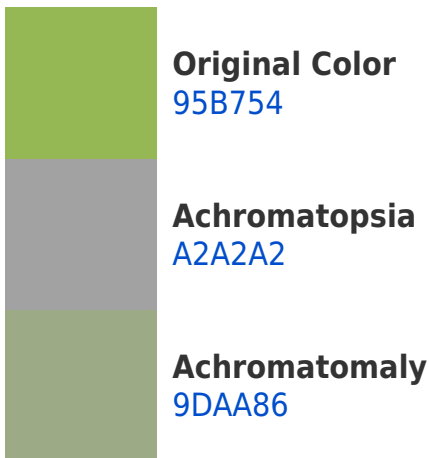




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95B754 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 #95B754 looks like.

```
.text, #text, p{  
    color:#95B754  
}
```

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 #95B754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B754
}
```

## Border

The CSS property to change the border of an element to Hex 95B754 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
#95B754 }
```

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

```
.border{ border-color:#95B754 }
```

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

Here you see how a box with a 4 pixel #95B754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B754; -webkit-box-shadow:4px 4px  
4px 4px #95B754; box-shadow:4px 4px 4px  
4px #95B754 }
```

# Background

The CSS property to change the background color of an element to Hex 95B754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B754 }
```

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

```
.background{ background-color:#95B754 }
```

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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