

# Converting Colors

Hex(94DB5A)

Have a look what the booklet for  
Hex(94DB5A) contains.

<b>Hex(94DB5A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(94DB5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94DB5A
RGB	148, 219, 90
RGB Percent	58%, 86%, 35%
CMY	0.4196, 0.1412, 0.6471
CMYK	0.32, 0.00, 0.59, 0.14
HSL	93°, 64%, 61%
HSV	93°, 59%, 86%
XYZ	39.3897, 57.6971, 18.7335
YIQ	183.0650, -0.9070, -55.1710

# Conversions

## Conversions Part 2

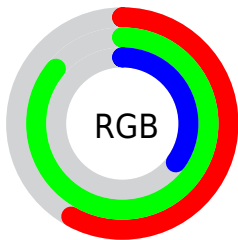
Format	Color
<a href="#">RYB</a>	<a href="#">90, 219, 161</a>
Decimal	<a href="#">9755482</a>
CIELab	<a href="#">80.57, -43.47, 55.26</a>
CIELCh	<a href="#">81, 70.312, 128.189</a>
Yxy	<a href="#">57.6971, 0.3401, 0.4982</a>
Android (android.graphics.Color)	<a href="#">4287945562</a> ( <a href="#">0xFF94DB5A</a> )
YUV	<a href="#">183.0650, -45.8810, -30.7520</a>
Hunter-Lab	<a href="#">75.9586, -40.3632, 38.5485</a>

# Details

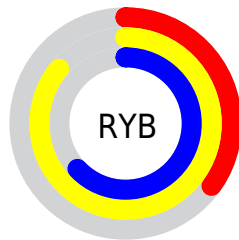
The Hex color **94DB5A** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **A15ADB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **CDFF90**, and **5CA322** is the 20% darker color. If you saturate the color by 10%, you get **88DB44**, and if you desaturate by 10%, it is **A0DB70**.

# Distribution



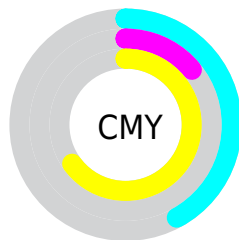
- Red (58%)
- Green (86%)
- Blue (35%)



- Red (35%)
- Yellow (86%)
- Blue (63%)



- Cyan (32%)
- Magenta (0%)
- Yellow (59%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94DB5A 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 94DB5A by changing the saturation by 10% instead.



 94DB5A

 94DB5A

FFFFFF

 78BF3F

 CDFF90

 5CA322

 EBFFAC

 408900

 FFFFC8

 206F00

 FFFF E5

 005600

 003E00

 002900

 000400

 000000

 94DB5A

 94DB5A

 88DB44

 A0DB70

 7CDB2E

 ACDB86

 70DB18

 B8DB9C

 64DB02

 C4DBB2

 62DB00

 D0DBC7

 DCDBDD

 E8DBF3

 F4DBFF

 FFDBFF

# Harmonies

## Analogous

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



DACA39



94DB5A



00E495

# Triad

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



94DB5A



00DCFF



FF8BB8

# Complementary

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



94DB5A



A15ADB

# 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.



FF95FA



94DB5A



64C9FF

# Square

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



94DB5A



00E6FF



E3AFFF



FF997A

# Rectangle

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



94DB5A



00E7C2



E3AFFF



FF8CCF

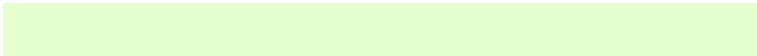


# Sweetspot

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



94DB5A



E6FFD1



DBA15A



708063



000000



808080



# Same Dimension

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



94DB5A



9BFF4A



5ADB60



686E63



4EAD00



152E00



# Inverse Universe

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



A15ADB



AE4AFF



DB5AD5



69636E



5F00AD



19002E



# Previews

## White Background



This preview shows how the Hex color 94DB5A looks on a white background.

## Color Contrast Check

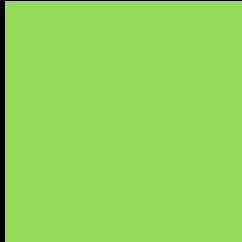
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 94DB5A looks on a 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 94DB5A Background



This preview shows how black text looks on a background with the Hex color 94DB5A.

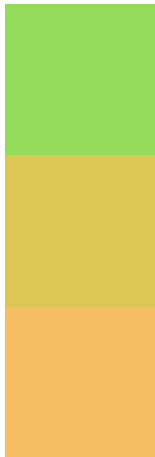


This preview shows how white text looks on a background with the Hex color 94DB5A.

# 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



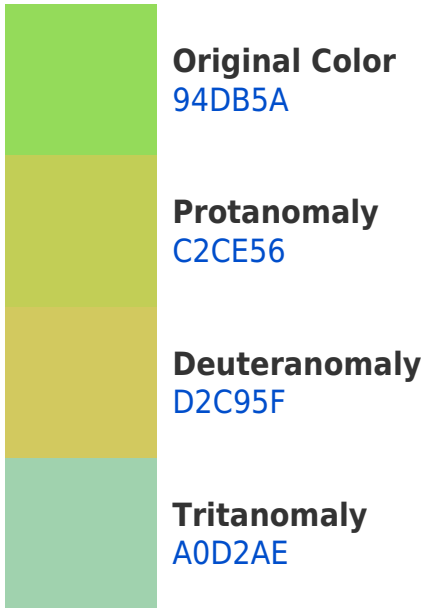
**Original Color**  
94DB5A

**Protanopia**  
DDC754

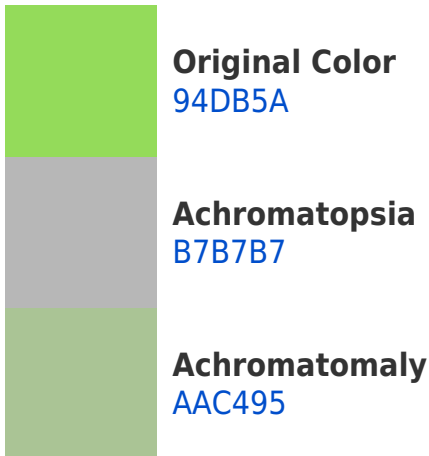
**Deuteranopia**  
F5BE62



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94DB5A 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 #94DB5A looks like.

```
.text, #text, p{  
    color:#94DB5A  
}
```

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 #94DB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94DB5A
}
```

## Border

The CSS property to change the border of an element to Hex 94DB5A 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
#94DB5A }
```

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

```
.border{ border-color:#94DB5A }
```

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

Here you see how a box with a 4 pixel #94DB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94DB5A; -webkit-box-shadow:4px 4px  
4px 4px #94DB5A; box-shadow:4px 4px 4px  
4px #94DB5A }
```

# Background

The CSS property to change the background color of an element to Hex 94DB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94DB5A }
```

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

```
.background{ background-color:#94DB5A }
```

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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