

Converting Colors

Hex(94D153)

Have a look what the booklet for
Hex(94D153) contains.

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Color

Hex(94D153)

Conversions

Conversions Part 1

Format	Color
Hex	94D153
RGB	148, 209, 83
RGB Percent	58%, 82%, 33%
CMY	0.4196, 0.1804, 0.6745
CMYK	0.29, 0.00, 0.60, 0.18
HSL	89°, 58%, 57%
HSV	89°, 60%, 82%
XYZ	36.5745, 52.5214, 16.3936
YIQ	176.3970, 4.0900, -52.1180

Conversions

Conversions Part 2

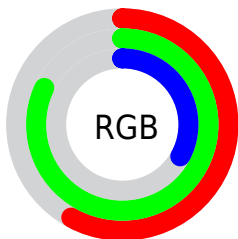
Format	Color
RYB	83, 209, 144
Decimal	9752915
CIELab	77.59, -39.73, 54.97
CIELCh	78, 67.824, 125.862
Yxy	52.5214, 0.3467, 0.4979
Android (android.graphics.Color)	4287942995 (0xFF94D153)
YUV	176.3970, -46.0447, -24.9042
Hunter-Lab	72.4716, -36.7410, 37.3183

Details

The Hex color **94D153** 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 **9053D1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CDFF89**, and **5D9A1A** is the 20% darker color. If you saturate the color by 10%, you get **8AD13E**, and if you desaturate by 10%, it is **9ED168**.

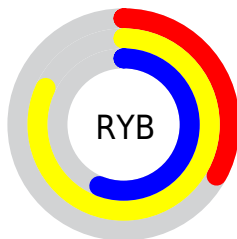
Distribution



Red (58%)

Green (82%)

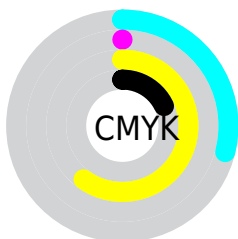
Blue (33%)



Red (33%)

Yellow (82%)

Blue (56%)

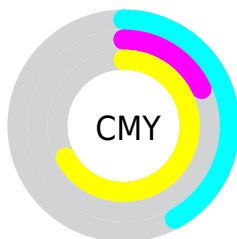


Cyan (29%)

Magenta (0%)

Yellow (60%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94D153 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 94D153 by changing the saturation by 10% instead.

 94D153

 94D153

FFFFFF

 78B538

 CDFF89

 5D9A1A

 EAFFA4

 418000

 FFFFC0

 246600

 FFFFDD

 004E00

 FFFFFA

 003600

 002200

 000000

 94D153

 94D153

 8AD13E

 9ED168

 80D129

 A8D17D

 76D114

 B2D192

 6CD100

 BCD1A7

 C7D1BC

 D1D1D0

 DBD1E5

 E5D1FA

 EFD1FF

Harmonies

Analogous

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



D6C137



94D153



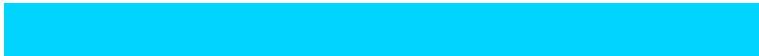
1DDB8A

Triad

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



94D153



00D4FF



FF86B6

Complementary

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



94D153



9053D1

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.



FF91F4



94D153



51C3FF

Square

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



94D153



00DDFF



D3AAFF



FF9279

Rectangle

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



94D153



00DEB5



D3AAFF



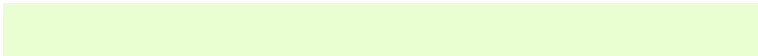
FF87CB

Sweetspot

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



94D153



E9FFD1



D19053



728063



000000



808080

Same Dimension

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



94D153



A6FF47



55D153



63695E



57A800



152900

Inverse Universe

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



9053D1



A047FF



CF53D1



635E69



5100A8



140029

Previews

White Background



This preview shows how the Hex color 94D153 looks on a white background.

Color Contrast Check

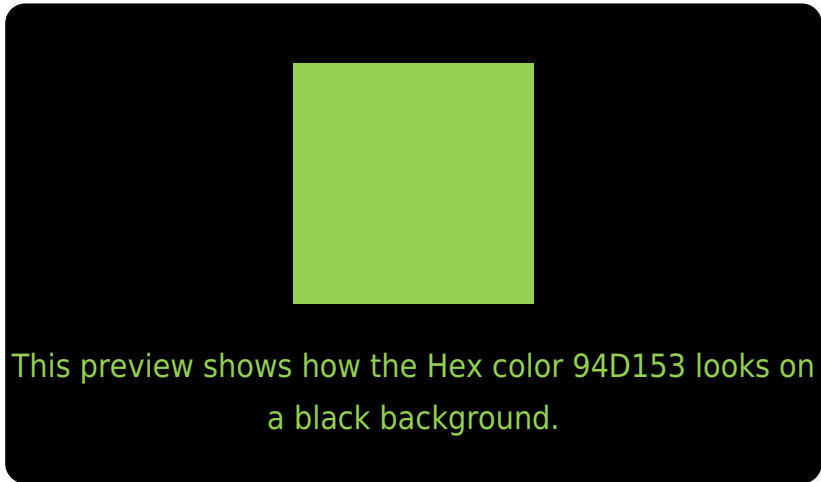
Large Text (above 18pt) WCAG AA × Fail

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 94D153 Background



This preview shows how black text looks on a background with the Hex color 94D153.

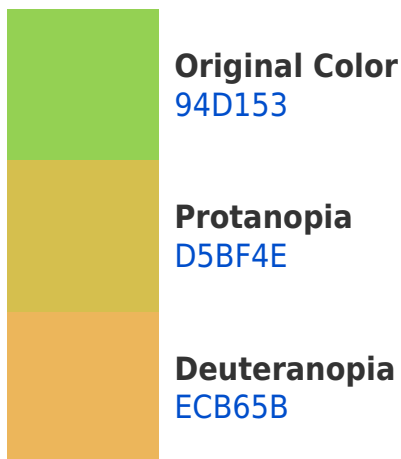


This preview shows how white text looks on a background with the Hex color 94D153.

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](#).

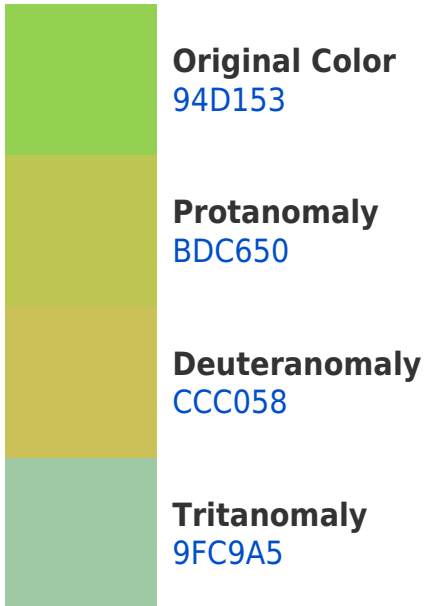
Dichromacy



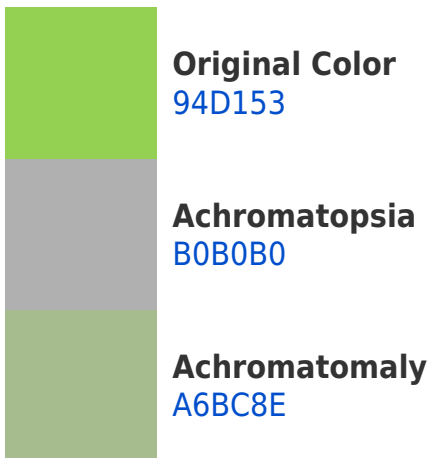


Tritanopia
A6C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94D153 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 #94D153 looks like.

```
.text, #text, p{  
    color:#94D153  
}
```

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 #94D153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D153
}
```

Border

The CSS property to change the border of an element to Hex 94D153 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
#94D153 }
```

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

```
.border{ border-color:#94D153 }
```

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

Here you see how a box with a 4 pixel #94D153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D153; -webkit-box-shadow:4px 4px  
4px 4px #94D153; box-shadow:4px 4px 4px  
4px #94D153 }
```

Background

The CSS property to change the background color of an element to Hex 94D153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D153 }
```

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

```
.background{ background-color:#94D153 }
```

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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