

# Converting Colors

Hex(93D963)

Have a look what the booklet for  
Hex(93D963) contains.

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**Color**

**Hex(93D963)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93D963
RGB	147, 217, 99
RGB Percent	58%, 85%, 39%
CMY	0.4235, 0.1490, 0.6118
CMYK	0.32, 0.00, 0.54, 0.15
HSL	96°, 61%, 62%
HSV	96°, 54%, 85%
XYZ	39.0976, 56.7296, 20.6936
YIQ	182.6180, -3.8420, -51.5380

# Conversions

## Conversions Part 2

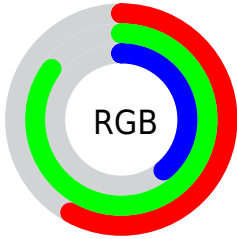
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 217, 169
Decimal	9689443
CIELab	80.03, -42.06, 50.58
CIElCh	80, 65.776, 129.745
Yxy	56.7296, 0.3355, 0.4869
Android (android.graphics.Color)	4287879523 (0xFF93D963)
YUV	182.6180, -41.2237, -31.2370
Hunter-Lab	75.3191, -39.1502, 36.4336

# Details

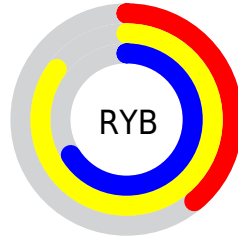
The Hex color **93D963** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A963D9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CCFF99**, and **5CA22E** is the 20% darker color. If you saturate the color by 10%, you get **86D94D**, and if you desaturate by 10%, it is **A0D979**.

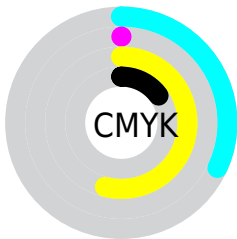
# Distribution



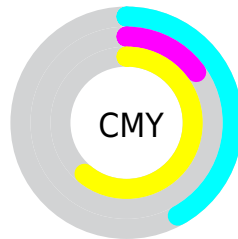
- Red (58%)
- Green (85%)
- Blue (39%)



- Red (39%)
- Yellow (85%)
- Blue (66%)



- Cyan (32%)
- Magenta (0%)
- Yellow (54%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93D963 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 93D963 by changing the saturation by 10% instead.



 93D963

 93D963

FFFFFF

 77BD49

 CCFF99

 5CA22E

 E9FFB4

 40870F

 FFFFD1

 226D00

 FFFFED

 005400

 003C00

 002800

 000000

 93D963

 93D963

 86D94D

 A0D979

 79D938

 ADD98E

 6CD922

 BAD9A4

 60D90C

 C6D9BA

 58D900

 D3D9D0

 E0D9E5

 EDD9FB

 FAD9FF

 FFD9FF

# Harmonies

## Analogous

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



D5CA45



93D963



14E29A

# Triad

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



93D963



00D8FF



FF8FB5

# Complementary

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



93D963



A963D9

# 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.



FF97F2



93D963



79C6FF

# Square

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



93D963



00E2FF



E4AEFF



FF9D7B

# Rectangle

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



93D963



00E4C4



E4AEFF



FF8FCA

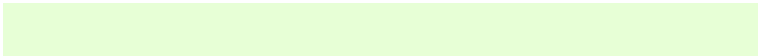


# Sweetspot

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



93D963



E7FFD6



D9A863



718067



000000



808080



# Same Dimension

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



93D963



9DFF59



63D96D



676E63



47AD00



132E00



# Inverse Universe

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



A963D9



BC59FF



D963CF



69636E



6700AD



1B002E



# Previews

## White Background



This preview shows how the Hex color 93D963 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 93D963 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 93D963 Background



This preview shows how black text looks on a background with the Hex color 93D963.

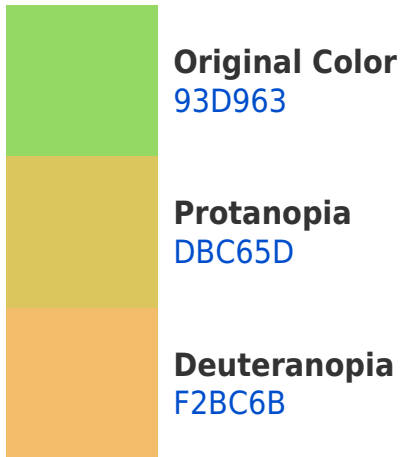


This preview shows how white text looks on a background with the Hex color 93D963.

# Color Blindness Simulation

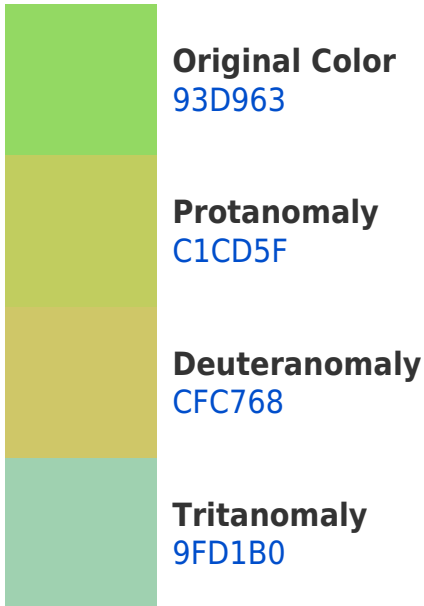
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

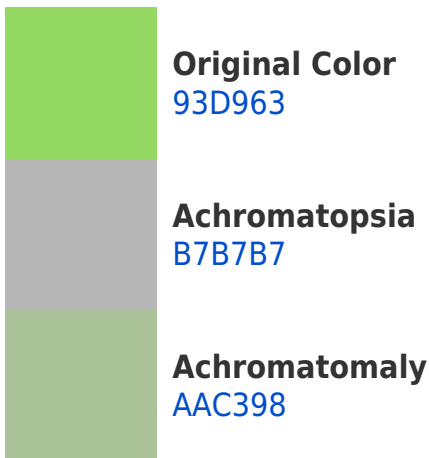




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93D963 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 #93D963 looks like.

```
.text, #text, p{  
    color:#93D963  
}
```

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 #93D963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D963
}
```

## Border

The CSS property to change the border of an element to Hex 93D963 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
#93D963 }
```

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

```
.border{ border-color:#93D963 }
```

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

Here you see how a box with a 4 pixel #93D963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D963; -webkit-box-shadow:4px 4px  
4px 4px #93D963; box-shadow:4px 4px 4px  
4px #93D963 }
```

# Background

The CSS property to change the background color of an element to Hex 93D963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D963 }
```

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

```
.background{ background-color:#93D963 }
```

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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