

Converting Colors

Hex(93D961)

Have a look what the booklet for
Hex(93D961) contains.

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Color

Hex(93D961)

Conversions

Conversions Part 1

Format	Color
Hex	93D961
RGB	147, 217, 97
RGB Percent	58%, 85%, 38%
CMY	0.4235, 0.1490, 0.6196
CMYK	0.32, 0.00, 0.55, 0.15
HSL	95°, 61%, 62%
HSV	95°, 55%, 85%
XYZ	39.0031, 56.6918, 20.1962
YIQ	182.3900, -3.2000, -52.1600

Conversions

Conversions Part 2

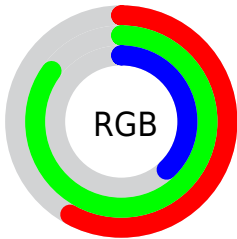
Format	Color
RYB	97, 217, 167
Decimal	9689441
CIELab	80.01, -42.26, 51.47
CIELCh	80, 66.596, 129.392
Yxy	56.6918, 0.3365, 0.4892
Android (android.graphics.Color)	4287879521 (0xFF93D961)
YUV	182.3900, -42.0973, -31.0370
Hunter-Lab	75.2940, -39.2994, 36.8023

Details

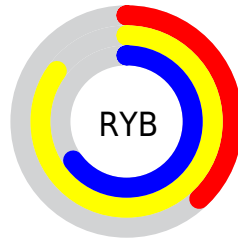
The Hex color **93D961** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A761D9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CCFF97**, and **5CA22C** is the 20% darker color. If you saturate the color by 10%, you get **86D94B**, and if you desaturate by 10%, it is **A0D977**.

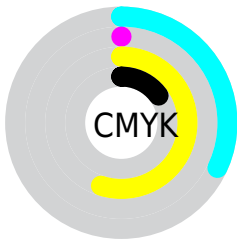
Distribution



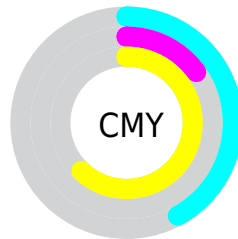
- Red (58%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (55%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93D961 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 93D961 by changing the saturation by 10% instead.

 93D961

 93D961

FFFFFF

 77BD47


 CCFF97

 5CA22C

 E9FFB2

 40870B

 FFFFCF

 216D00

 FFFFEB

 005400

 003C00

 002800

 000000

 93D961

 93D961

 86D94B

 A0D977

 7AD936

 ACD98C

 6DD920

 B9D9A2

 60D90A

 C6D9B8

 5AD900

 D2D9CD

 DFD9E3

 ECD9F9

 F8D9FF

 FFD9FF

Harmonies

Analogous

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



D6C942



93D961



0CE298

Triad

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



93D961



00D9FF



FF8EB5

Complementary

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



93D961



A761D9

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.



FF96F4



93D961



75C7FF

Square

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



93D961



00E2FF



E4AEFF



FF9C7B

Rectangle

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



93D961



00E5C3



E4AEFF



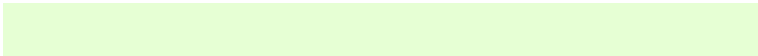
FF8ECA

Sweetspot

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



93D961



E6FFD4



D9A761



718066



000000



808080

Same Dimension

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



93D961



9DFF57



61D96B



676E63



48AD00



132E00

Inverse Universe

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



A761D9



B957FF



D961CF



69636E



6500AD



1B002E

Previews

White Background



This preview shows how the Hex color 93D961 looks on a white background.

Color Contrast Check

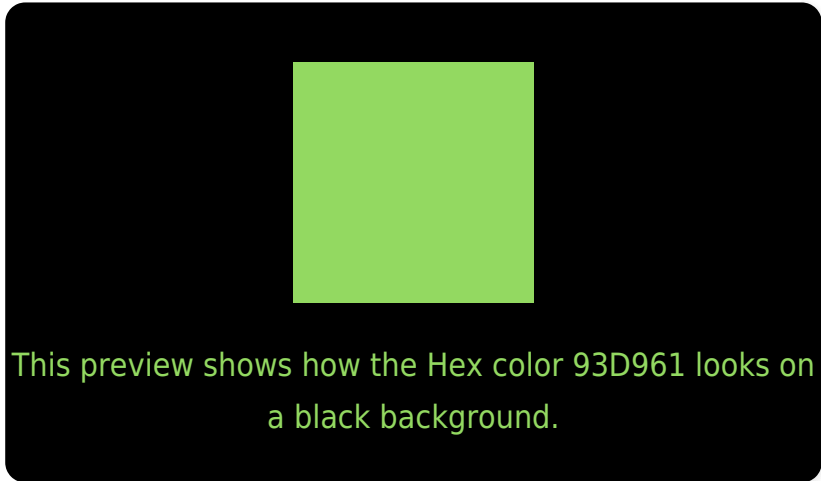
Large Text (above 18pt) WCAG AA × Fail

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 93D961 Background



This preview shows how black text looks on a background with the Hex color 93D961.

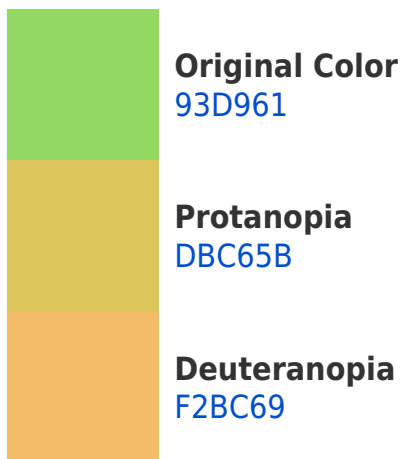


This preview shows how white text looks on a background with the Hex color 93D961.

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



Original Color
93D961



Protanomaly
C1CD5D



Deuteranomaly
CFC766



Tritanomaly
9FD1AF

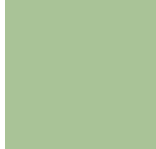
Monochromacy



Original Color
93D961



Achromatopsia
B6B6B6



Achromatomaly
A9C397

CSS Examples

Text

The CSS property to change the color of the text to Hex 93D961 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 #93D961 looks like.

```
.text, #text, p{  
    color:#93D961  
}
```

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 #93D961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D961
}
```

Border

The CSS property to change the border of an element to Hex 93D961 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
#93D961 }
```

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

```
.border{ border-color:#93D961 }
```

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

Here you see how a box with a 4 pixel #93D961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D961; -webkit-box-shadow:4px 4px  
4px 4px #93D961; box-shadow:4px 4px 4px  
4px #93D961 }
```

Background

The CSS property to change the background color of an element to Hex 93D961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D961 }
```

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

```
.background{ background-color:#93D961 }
```

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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