

Converting Colors

Hex(9FDA58)

Have a look what the booklet for
Hex(9FDA58) contains.

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Color

Hex(9FDA58)

Conversions

Conversions Part 1

Format	Color
Hex	9FDA58
RGB	159, 218, 88
RGB Percent	62%, 85%, 35%
CMY	0.3765, 0.1451, 0.6549
CMYK	0.27, 0.00, 0.60, 0.15
HSL	87°, 64%, 60%
HSV	87°, 60%, 85%
XYZ	41.1309, 58.2183, 18.3020
YIQ	185.5390, 6.5660, -52.9380

Conversions

Conversions Part 2

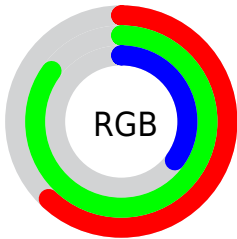
Format	Color
RYB	88, 218, 147
Decimal	10476120
CIELab	80.86, -39.31, 56.62
CIELCh	81, 68.930, 124.768
Yxy	58.2183, 0.3496, 0.4948
Android (android.graphics.Color)	4288666200 (0xFF9FDA58)
YUV	185.5390, -48.0867, -23.2747
Hunter-Lab	76.3009, -37.3041, 39.1890

Details

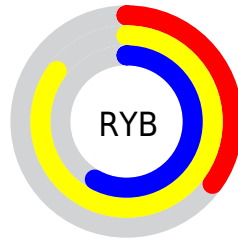
The Hex color **9FDA58** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9358DA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D8FF8E**, and **67A320** is the 20% darker color. If you saturate the color by 10%, you get **95DA42**, and if you desaturate by 10%, it is **A9DA6E**.

Distribution



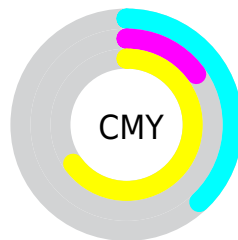
- Red (62%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (58%)



- Cyan (27%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FDA58 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 9FDA58 by changing the saturation by 10% instead.

 9FDA58

 9FDA58

FFFFFF

 83BE3D

 D8FF8E

 67A320

 F6FFAA

 4C8800

 FFFFC6

 2F6E00


 FFFF E3

 0F5500

 003E00

 002800

 000600

 000000

 9FDA58

 9FDA58

 95DA42

 A9DA6E

 8BDA2C

 B3DA84

 81DA17

 BDDA99

 77DA01

 C7DAAF

 77DA00

 D0DAC5

 DADADB

 E4DAF1

 EEDAFF

 F8DAFF

Harmonies

Analogous

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



E2C93E



9FDA58



32E48F

Triad

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



9FDA58



00DEFF



FF8EC1

Complementary

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



9FDA58



9358DA

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.



FF99FF



9FDA58



52CDFF

Square

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



9FDA58



00E7FF



D9B3FF



FF9983

Rectangle

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



9FDA58



00E7BB



D9B3FF



FF8FD7

Sweetspot

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



9FDA58



EAFD1



DA9258



738063



000000



808080

Same Dimension

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



9FDA58



ACFF47



5EDA58



696E63



5FAD00



192E00

Inverse Universe

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



9358DA



9B47FF



D358DA



68636E



4F00AD



15002E

Previews

White Background



This preview shows how the Hex color 9FDA58 looks on a white background.

Color Contrast Check

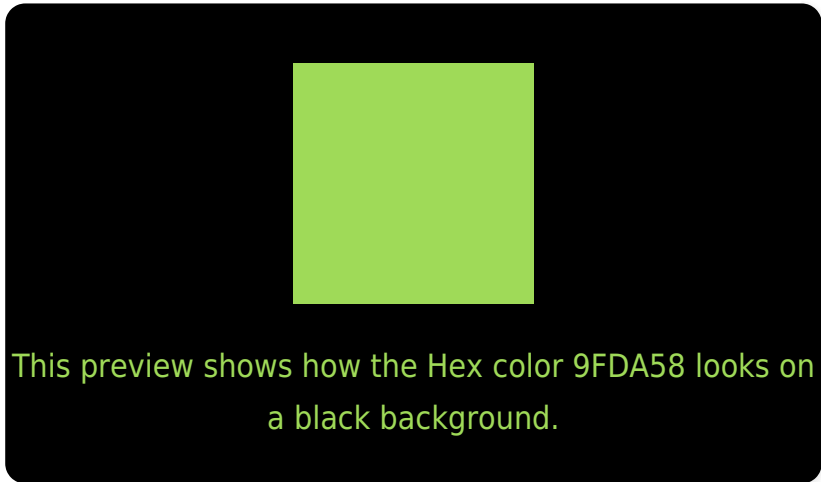
Large Text (above 18pt) WCAG AA × Fail

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 9FDA58 Background



This preview shows how black text looks on a background with the Hex color 9FDA58.

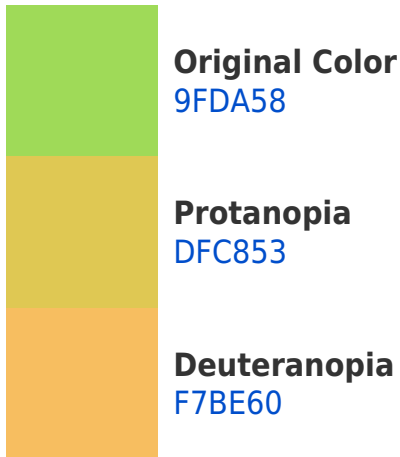


This preview shows how white text looks on a background with the Hex color 9FDA58.

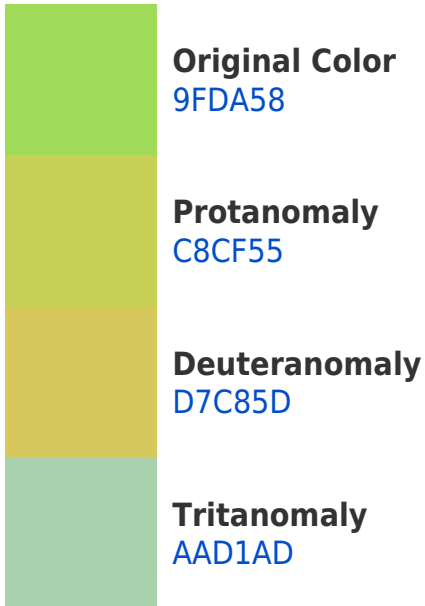
Color Blindness Simulation

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](#).

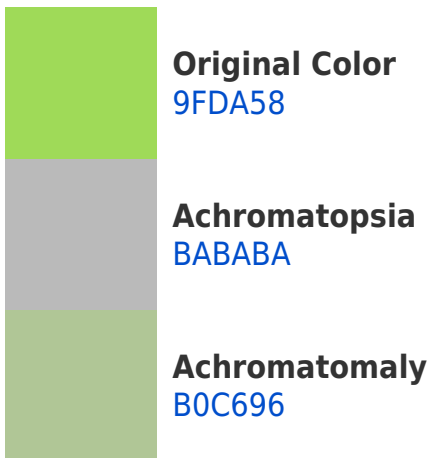
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FDA58 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 #9FDA58 looks like.

```
.text, #text, p{  
    color:#9FDA58  
}
```

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 #9FDA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FDA58
}
```

Border

The CSS property to change the border of an element to Hex 9FDA58 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
#9FDA58 }
```

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

```
.border{ border-color:#9FDA58 }
```

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

Here you see how a box with a 4 pixel #9FDA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FDA58; -webkit-box-shadow:4px 4px  
4px 4px #9FDA58; box-shadow:4px 4px 4px  
4px #9FDA58 }
```

Background

The CSS property to change the background color of an element to Hex 9FDA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FDA58 }
```

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

```
.background{ background-color:#9FDA58 }
```

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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