

Converting Colors

Hex(8DA451)

Have a look what the booklet for
Hex(8DA451) contains.

Hex(8DA451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8DA451)

Conversions

Conversions Part 1

Format	Color
Hex	8DA451
RGB	141, 164, 81
RGB Percent	55%, 64%, 32%
CMY	0.4471, 0.3569, 0.6824
CMYK	0.14, 0.00, 0.51, 0.36
HSL	77°, 34%, 48%
HSV	77°, 51%, 64%
XYZ	25.7452, 32.8077, 12.7602
YIQ	147.6610, 12.9350, -30.6890

Conversions

Conversions Part 2

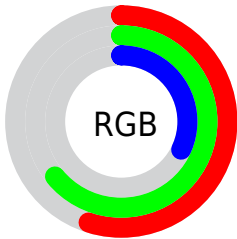
Format	Color
RYB	81, 164, 104
Decimal	9282641
CIELab	64.00, -21.34, 40.07
CIElCh	64, 45.394, 118.038
Yxy	32.8077, 0.3610, 0.4601
Android (android.graphics.Color)	4287472721 (0xFF8DA451)
YUV	147.6610, -32.8639, -5.8417
Hunter-Lab	57.2780, -20.0049, 26.8862

Details

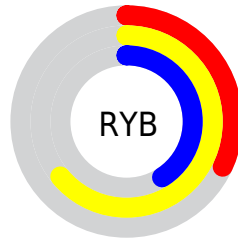
The Hex color **8DA451** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6851A4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C4DB84**, and **59701F** is the 20% darker color. If you saturate the color by 10%, you get **88A441**, and if you desaturate by 10%, it is **92A461**.

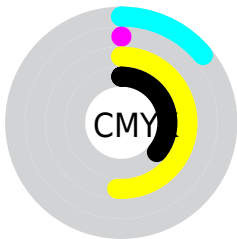
Distribution



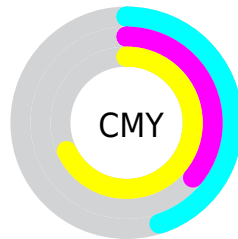
- Red (55%)
- Green (64%)
- Blue (32%)



- Red (32%)
- Yellow (64%)
- Blue (41%)



- Cyan (14%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DA451 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 8DA451 by changing the saturation by 10% instead.



8DA451



8DA451

FFFFFF



728A38



C4DB84



59701F



E1F89F



405803



FEFFBA



284000



FFFFD7



0E2A00



FFFFFF3



001700



000000



8DA451



8DA451



88A441



92A461

 84A430

 96A472

 7FA420

 9BA482

 7BA40F

 9FA493

 77A400

 A4A4A3

 A8A4B3

 ADA4C4

 B1A4D4

 B6A4E5

Harmonies

Analogous

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



B69848



8DA451



5BAC6F

Triad

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



8DA451



00AADF



E47A9F

Complementary

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



8DA451



6851A4

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.



CB82C7



8DA451



4DA0EC

Square

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



8DA451



00AFC0



9A92E3



E67D77

Rectangle

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



8DA451



26AF89



9A92E3



DE7BAD

Sweetspot

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



8DA451



CDD6B6



A46751



666B58



EBEBEB



6B6B6B

Same Dimension

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



8DA451



B2D654



64A451



4F5249



699100



0D1200

Inverse Universe

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



6851A4



7854D6



9151A4



4C4952



280091



050012

Previews

White Background



This preview shows how the Hex color 8DA451 looks on a white background.

Color Contrast Check

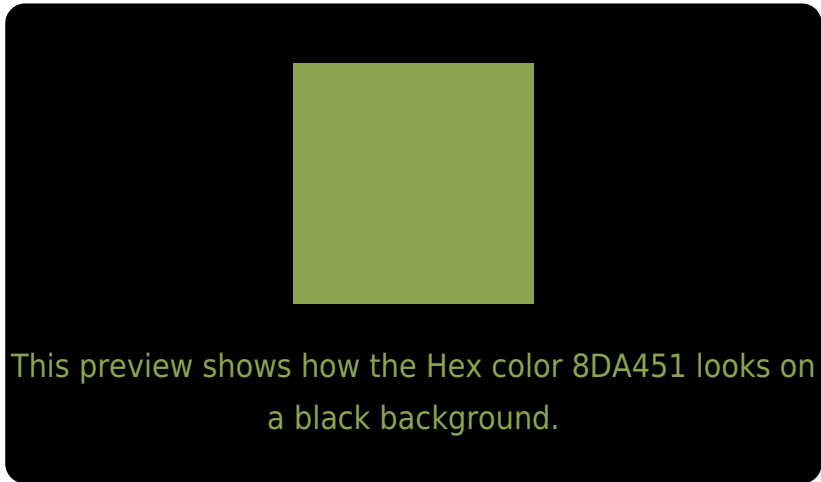
Large Text (above 18pt) WCAG AA × Fail

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 8DA451 Background



This preview shows how black text looks on a background with the Hex color 8DA451.

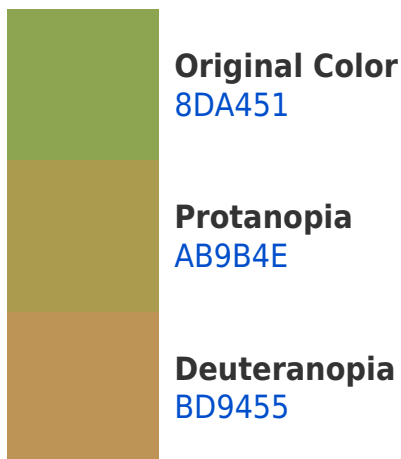


This preview shows how white text looks on a background with the Hex color 8DA451.

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](#).

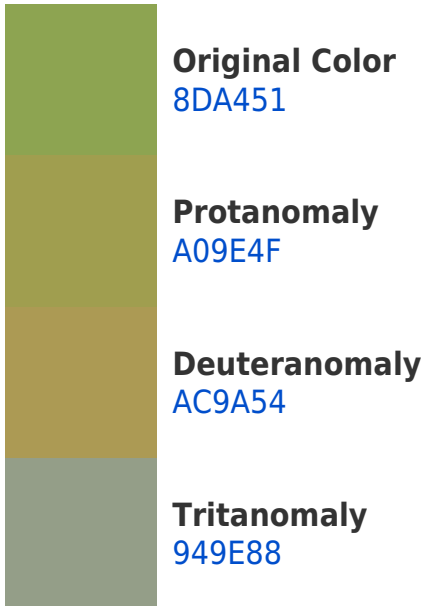
Dichromacy





Tritanopia
989BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DA451 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 #8DA451 looks like.

```
.text, #text, p{  
    color:#8DA451  
}
```

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 #8DA451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA451  
}
```

Border

The CSS property to change the border of an element to Hex 8DA451 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  
#8DA451 }
```

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

```
.border{ border-color:#8DA451 }
```

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

Here you see how a box with a 4 pixel #8DA451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA451; -webkit-box-shadow:4px 4px  
4px 4px #8DA451; box-shadow:4px 4px 4px  
4px #8DA451 }
```

Background

The CSS property to change the background color of an element to Hex 8DA451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA451 }
```

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

```
.background{ background-color:#8DA451 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor