

Converting Colors

Hex(82A951)

Have a look what the booklet for
Hex(82A951) contains.

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Color

Hex(82A951)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 82A951 |
| RGB | 130, 169, 81 |
| RGB Percent | 51%, 66%, 32% |
| CMY | 0.4902, 0.3373, 0.6824 |
| CMYK | 0.23, 0.00, 0.52, 0.34 |
| HSL | 87°, 35%, 49% |
| HSV | 87°, 52%, 66% |
| XYZ | 24.8791, 33.7158, 12.9811 |
| YIQ | 147.3070, 5.0040, -35.6360 |

Conversions

Conversions Part 2

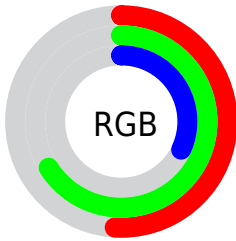
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 81, 169, 120 |
| Decimal | 8563025 |
| CIELab | 64.74, -28.16, 40.77 |
| CIELCh | 65, 49.546, 124.635 |
| Yxy | 33.7158, 0.3476, 0.4710 |
| Android (android.graphics.Color) | 4286753105 (0xFF82A951) |
| YUV | 147.3070, -32.6894, -15.1782 |
| Hunter-Lab | 58.0653, -25.1330, 27.3908 |

Details

The Hex color **82A951** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7851A9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B9E084**, and **4E751F** is the 20% darker color. If you saturate the color by 10%, you get **7BA940**, and if you desaturate by 10%, it is **89A962**.

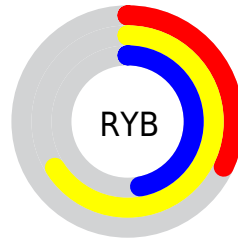
Distribution



Red (51%)

Green (66%)

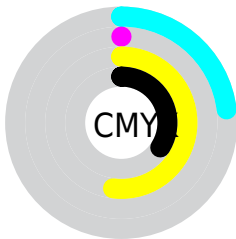
Blue (32%)



Red (32%)

Yellow (66%)

Blue (47%)

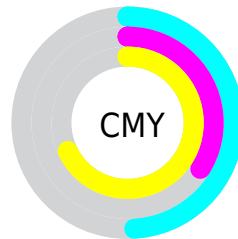


Cyan (23%)

Magenta (0%)

Yellow (52%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82A951 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 82A951 by changing the saturation by 10% instead.



82A951



82A951

FFFFFF



688E38



B9E084



4E751F



D5FD9F



345C02



F2FFBB



1C4400



FFFFD7



002D00



FFFFF4



001900



000000



82A951



82A951



7BA940



89A962

 73A92F

 91A973

 6CA91E

 98A984

 64A90D

 A0A995

 5EA900

 A7A9A5

 AFA9B6

 B6A9C7

 BEA9D8

 C5A9E9

Harmonies

Analogous

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



B09D41



82A951



44B075

Triad

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



82A951



00ACEC



EF7798

Complementary

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



82A951



7851A9

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.



D97EC4



82A951



5A9FF5

Square

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



82A951



00B2CE



A98FE6



EC7E6D

Rectangle

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



82A951



00B393



A98FE6



EA78A7

Sweetspot

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



82A951



CCDDBB8



A97751



646E59



EDEDED



6E6E6E

Same Dimension

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



82A951



9FDB53



57A951



50544C



529400



0B1400

Inverse Universe

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



7851A9



9053DB



A351A9



4F4C54



420094



090014

Previews

White Background



This preview shows how the Hex color 82A951 looks on a white background.

Color Contrast Check

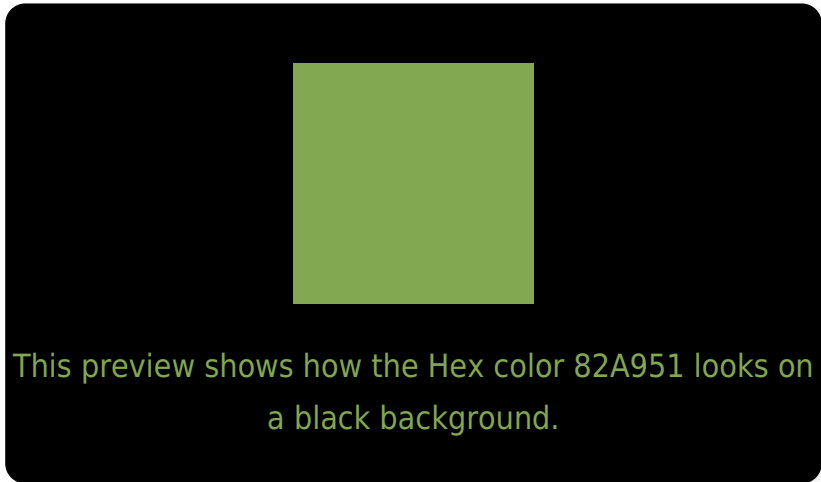
Large Text (above 18pt) WCAG AA × Fail

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 82A951 Background



This preview shows how black text looks on a background with the Hex color 82A951.

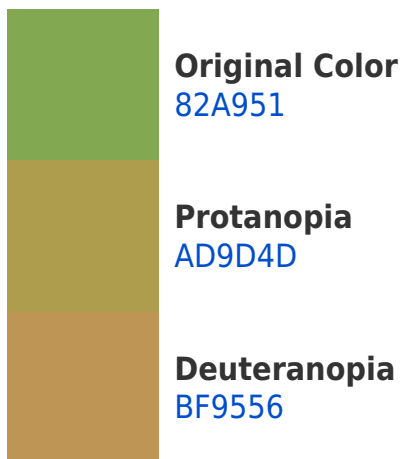


This preview shows how white text looks on a background with the Hex color 82A951.

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](#).

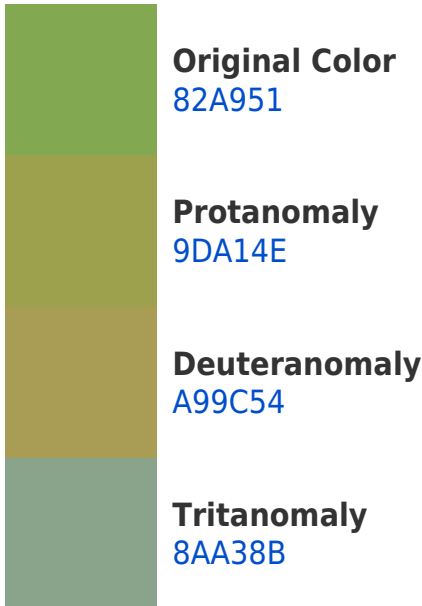
Dichromacy



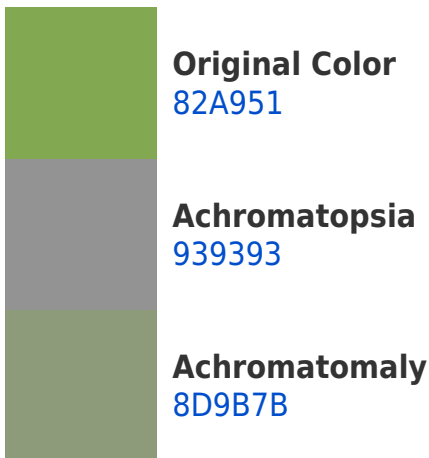


Tritanopia
8E9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82A951 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 #82A951 looks like.

```
.text, #text, p{  
    color:#82A951  
}
```

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 #82A951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A951
}
```

Border

The CSS property to change the border of an element to Hex 82A951 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
#82A951 }
```

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

```
.border{ border-color:#82A951 }
```

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

Here you see how a box with a 4 pixel #82A951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A951; -webkit-box-shadow:4px 4px  
4px 4px #82A951; box-shadow:4px 4px 4px  
4px #82A951 }
```

Background

The CSS property to change the background color of an element to Hex 82A951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A951 }
```

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

```
.background{ background-color:#82A951 }
```

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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