

Converting Colors

Hex(85A950)

Have a look what the booklet for
Hex(85A950) contains.

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Color

Hex(85A950)

Conversions

Conversions Part 1

Format	Color
Hex	85A950
RGB	133, 169, 80
RGB Percent	52%, 66%, 31%
CMY	0.4784, 0.3373, 0.6863
CMYK	0.21, 0.00, 0.53, 0.34
HSL	84°, 36%, 49%
HSV	84°, 53%, 66%
XYZ	25.3088, 33.9417, 12.8069
YIQ	148.0900, 7.1130, -35.3110

Conversions

Conversions Part 2

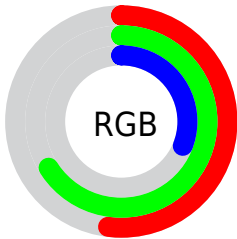
Format	Color
RYB	80, 169, 116
Decimal	8759632
CIELab	64.92, -27.10, 41.52
CIELCh	65, 49.583, 123.137
Yxy	33.9417, 0.3512, 0.4710
Android (android.graphics.Color)	4286949712 (0xFF85A950)
YUV	148.0900, -33.5684, -13.2339
Hunter-Lab	58.2595, -24.4110, 27.7482

Details

The Hex color **85A950** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7450A9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BCE084**, and **51751E** is the 20% darker color. If you saturate the color by 10%, you get **7EA93F**, and if you desaturate by 10%, it is **8CA961**.

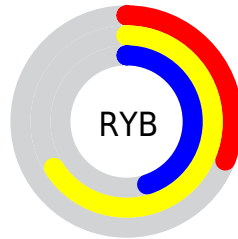
Distribution



Red (52%)

Green (66%)

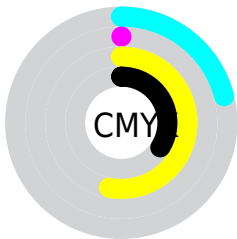
Blue (31%)



Red (31%)

Yellow (66%)

Blue (45%)

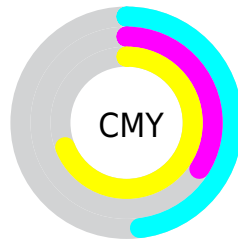


Cyan (21%)

Magenta (0%)

Yellow (53%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A950 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 85A950 by changing the saturation by 10% instead.



85A950



85A950

FFFFFF



6B8E37



BCE084



51751E



D8FD9E



375C00



F5FFBA



1F4400



FFFFD6



012D00



FFFFFF3



001A00



000000



85A950



85A950



7EA93F



8CA961

 77A92E

 93A972

 70A91D

 9AA983

 6AA90C

 A0A994

 65A900

 A7A9A4

 AEA9B5

 B5A9C6

 BCA9D7

 C3A9E8

Harmonies

Analogous

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



B39D41



85A950



48B174

Triad

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



85A950



00ADEC



EF779B

Complementary

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



85A950



7450A9

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.



D87FC6



85A950



55A1F6

Square

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



85A950



00B3CD



A790E8



ED7D6F

Rectangle

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



85A950



00B391



A790E8



EA79AA

Sweetspot

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



85A950



CDDBB8



A97450



656E59



EDEDED



6E6E6E

Same Dimension

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



85A950



A3DB51



59A950



51544C



589400



0C1400

Inverse Universe

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



7450A9



8951DB



A050A9



4F4C54



3C0094



080014

Previews

White Background



This preview shows how the Hex color 85A950 looks on a white background.

Color Contrast Check

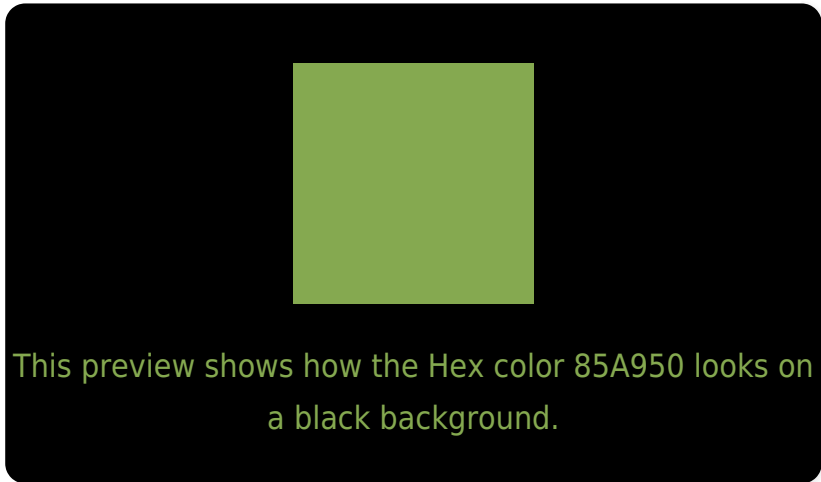
Large Text (above 18pt) WCAG AA × Fail

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 85A950 Background



This preview shows how black text looks on a background with the Hex color 85A950.

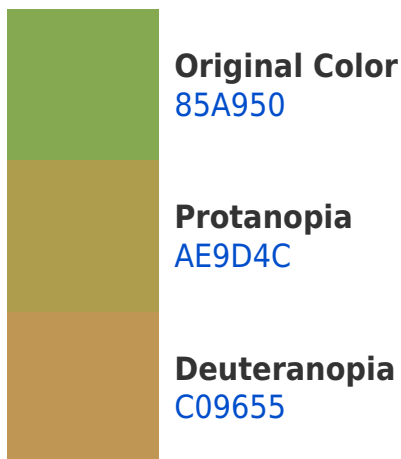


This preview shows how white text looks on a background with the Hex color 85A950.

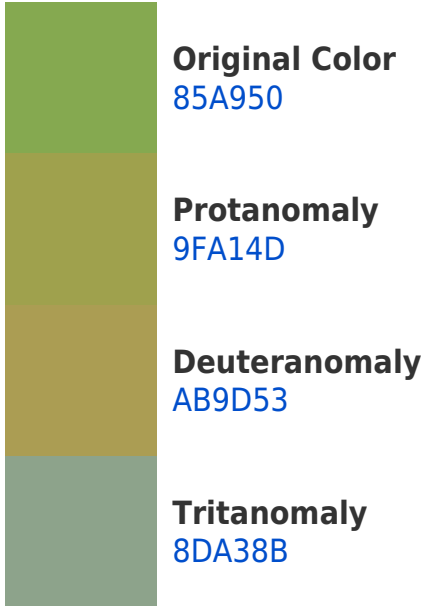
Color Blindness Simulation

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](#).

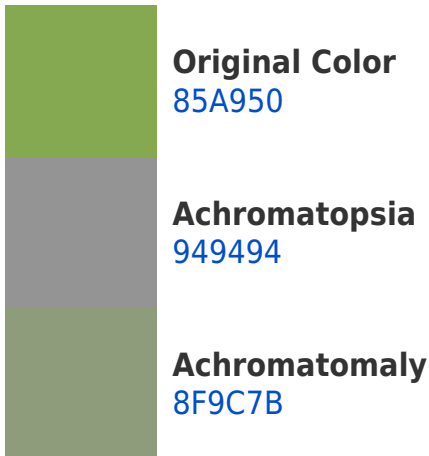
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A950 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 #85A950 looks like.

```
.text, #text, p{  
    color:#85A950  
}
```

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 #85A950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A950
}
```

Border

The CSS property to change the border of an element to Hex 85A950 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
#85A950 }
```

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

```
.border{ border-color:#85A950 }
```

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

Here you see how a box with a 4 pixel #85A950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A950; -webkit-box-shadow:4px 4px  
4px 4px #85A950; box-shadow:4px 4px 4px  
4px #85A950 }
```

Background

The CSS property to change the background color of an element to Hex 85A950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A950 }
```

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

```
.background{ background-color:#85A950 }
```

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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