

Converting Colors

Hex(A8C950)

Have a look what the booklet for
Hex(A8C950) contains.

Hex(A8C950)	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(A8C950)

Conversions

Conversions Part 1

Format	Color
Hex	A8C950
RGB	168, 201, 80
RGB Percent	66%, 79%, 31%
CMY	0.3412, 0.2118, 0.6863
CMYK	0.16, 0.00, 0.60, 0.21
HSL	76°, 53%, 55%
HSV	76°, 60%, 79%
XYZ	38.4831, 50.6773, 15.3428
YIQ	177.3390, 19.1730, -44.6270

Conversions

Conversions Part 2

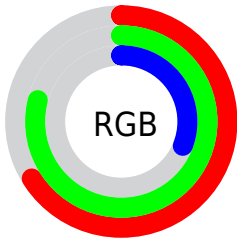
Format	Color
RYB	80, 201, 113
Decimal	11061584
CIELab	76.48, -28.74, 55.38
CIELCh	76, 62.391, 117.426
Yxy	50.6773, 0.3682, 0.4849
Android (android.graphics.Color)	4289251664 (0xFFA8C950)
YUV	177.3390, -47.9881, -8.1903
Hunter-Lab	71.1880, -28.0848, 37.0531

Details

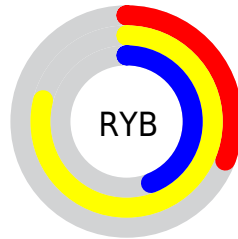
The Hex color **A8C950** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7150C9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E1FF86**, and **719317** is the 20% darker color. If you saturate the color by 10%, you get **A3C93C**, and if you desaturate by 10%, it is **ADC964**.

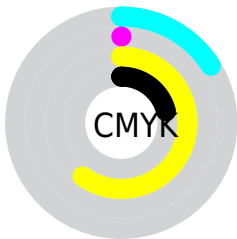
Distribution



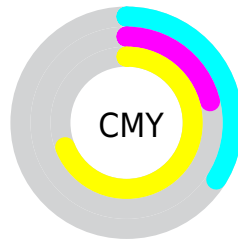
- Red (66%)
- Green (79%)
- Blue (31%)



- Red (31%)
- Yellow (79%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (21%)



- Cyan (34%)
- Magenta (21%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8C950 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 A8C950 by changing the saturation by 10% instead.

 A8C950

 A8C950

FFFFFF

 8CAE35

 E1FF86

 719317

 FFFFA1

 567900

 FFFFBD

 3C6000

 FFFFDA

 214800

 FFFFF7

 013100

 001F00

 000000

 A8C950

 A8C950

 A3C93C

 ADC964

 9DC928

 B3C978

 98C914

 B8C98C

 92C900

 BEC9A0

 C3C9B5

 C9C9C9

 CEC9DD

 D4C9F1

 D9C9FF

Harmonies

Analogous

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



E1B843



A8C950



5CD47C

Triad

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



A8C950



00D2FF



FF8AC4

Complementary

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



A8C950



7150C9

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.



FF98FC



A8C950



18C5FF

Square

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



A8C950



00D9F0



B7B0FF



FF8F8B

Rectangle

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



A8C950



00D8A2



B7B0FF



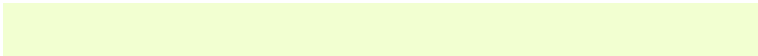
FF8DD7

Sweetspot

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



A8C950



F2FFD1



C97050



788063



000000



808080

Same Dimension

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



A8C950



CDFF47



6CC950



61635A



77A300



1A2400

Inverse Universe

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



7150C9



7947FF



AD50C9



5C5A63



2D00A3



0A0024

Previews

White Background



This preview shows how the Hex color A8C950 looks on a white background.

Color Contrast Check

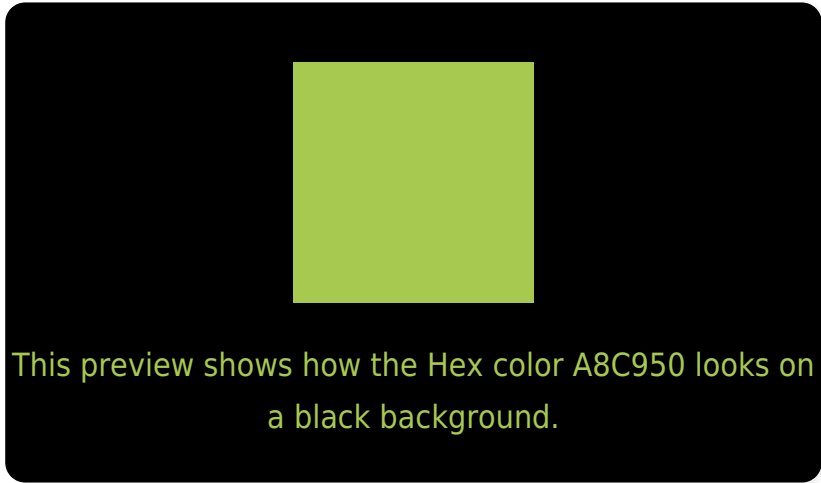
Large Text (above 18pt) WCAG AA × Fail

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 A8C950 Background



This preview shows how black text looks on a background with the Hex color A8C950.

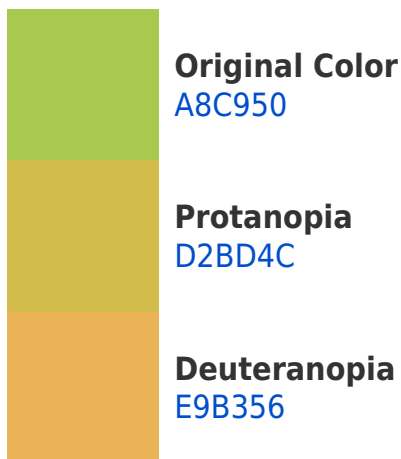


This preview shows how white text looks on a background with the Hex color A8C950.

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
B6BCCB

Trichromacy



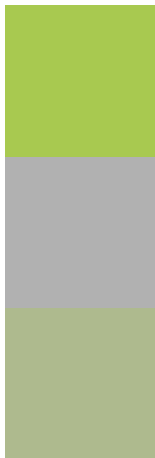
Original Color
A8C950

Protanomaly
C3C14D

Deuteranomaly
D1BB54

Tritanomaly
B1C19E

Monochromacy



Original Color
A8C950

Achromatopsia
B1B1B1

Achromatomaly
AEBA8E

CSS Examples

Text

The CSS property to change the color of the text to Hex A8C950 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 #A8C950 looks like.

```
.text, #text, p{  
    color:#A8C950  
}
```

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 #A8C950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C950
}
```

Border

The CSS property to change the border of an element to Hex A8C950 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
#A8C950 }
```

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

```
.border{ border-color:#A8C950 }
```

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

Here you see how a box with a 4 pixel #A8C950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C950; -webkit-box-shadow:4px 4px  
4px 4px #A8C950; box-shadow:4px 4px 4px  
4px #A8C950 }
```

Background

The CSS property to change the background color of an element to Hex A8C950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C950 }
```

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

```
.background{ background-color:#A8C950 }
```

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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