

Converting Colors

Hex(8AC656)

Have a look what the booklet for
Hex(8AC656) contains.

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Color

Hex(8AC656)

Conversions

Conversions Part 1

Format	Color
Hex	8AC656
RGB	138, 198, 86
RGB Percent	54%, 78%, 34%
CMY	0.4588, 0.2235, 0.6627
CMYK	0.30, 0.00, 0.57, 0.22
HSL	92°, 50%, 56%
HSV	92°, 57%, 78%
XYZ	32.3550, 46.4633, 16.0671
YIQ	167.2920, 0.1920, -47.5520

Conversions

Conversions Part 2

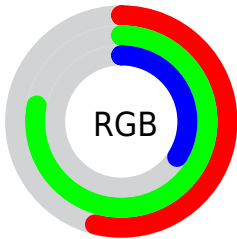
Format	Color
RYB	86, 198, 146
Decimal	9094742
CIELab	73.85, -38.15, 49.22
CIELCh	74, 62.270, 127.777
Yxy	46.4633, 0.3410, 0.4897
Android (android.graphics.Color)	4287284822 (0xFF8AC656)
YUV	167.2920, -40.0770, -25.6891
Hunter-Lab	68.1640, -34.5594, 33.7394

Details

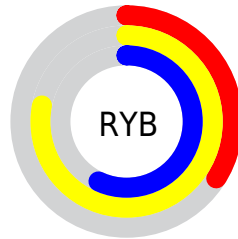
The Hex color **8AC656** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9256C6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C2FF8B**, and **549021** is the 20% darker color. If you saturate the color by 10%, you get **7FC642**, and if you desaturate by 10%, it is **95C66A**.

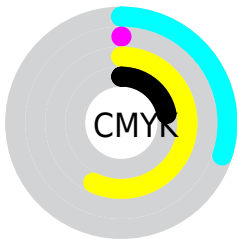
Distribution



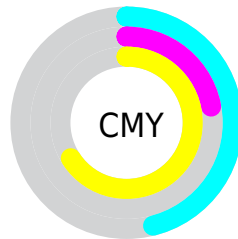
- Red (54%)
- Green (78%)
- Blue (34%)



- Red (34%)
- Yellow (78%)
- Blue (57%)



- Cyan (30%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC656 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 8AC656 by changing the saturation by 10% instead.

 8AC656

 8AC656

FFFFFF

 6FAA3C

 C2FF8B

 549021

 DFFFA6

 387600

 FDFFC2

 1B5D00

 FFFFDF

 004400

 FFFFFC

 002E00

 001600

 000000

 8AC656

 8AC656

 7FC642

 95C66A

 75C62E

 9FC67E

 6AC61B

 AAC691

 60C607

 B4C6A5

 5CC600

 BFC6B9

 CAC6CD

 D4C6E1

 DFC6F4

 E9C6FF

Harmonies

Analogous

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



C7B73C



8AC656



20CE88

Triad

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



8AC656



00C7FF



FF82A9

Complementary

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



8AC656



9256C6

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.



FF8AE2



8AC656



62B7FF

Square

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



8AC656



00D0FA



CCA0FF



FF8D72

Rectangle

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



8AC656



00D1AF



CCA0FF



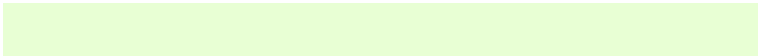
FF82BC

Sweetspot

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



8AC656



E8FFD4



C69256



728066



000000



808080

Same Dimension

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



8AC656



A2FF52



56C65A



5E635A



4CA300



112400

Inverse Universe

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



9256C6



AE52FF



C656C2



5F5A63



5700A3



130024

Previews

White Background



This preview shows how the Hex color 8AC656 looks on a white background.

Color Contrast Check

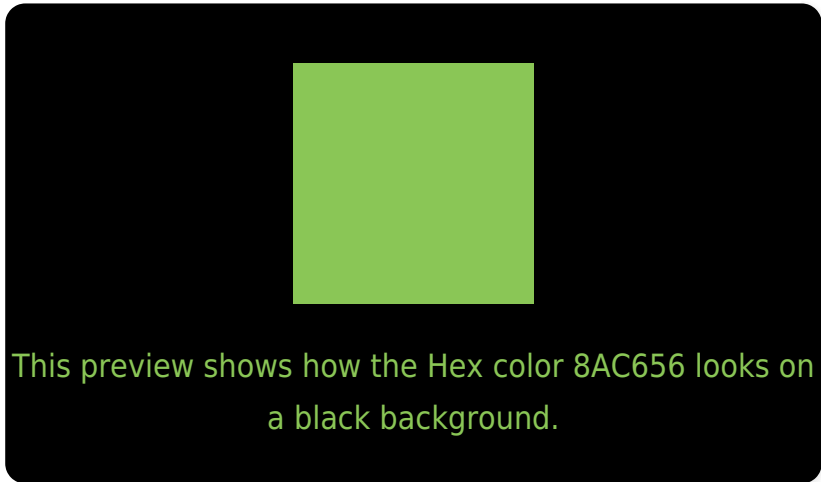
Large Text (above 18pt) WCAG AA × Fail

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 8AC656 Background



This preview shows how black text looks on a background with the Hex color 8AC656.

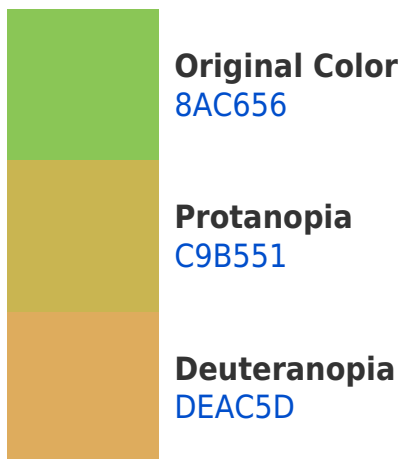


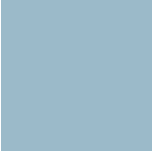
This preview shows how white text looks on a background with the Hex color 8AC656.

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](#).

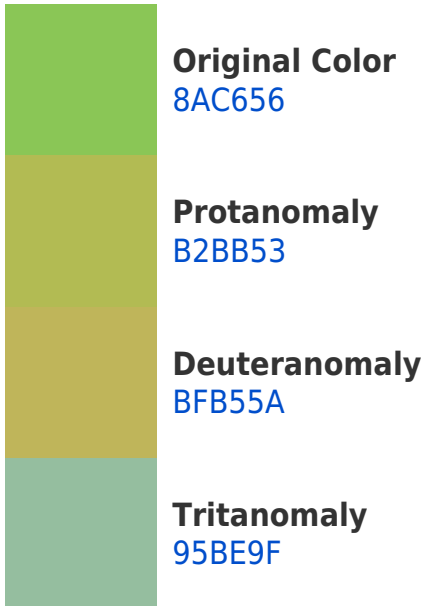
Dichromacy



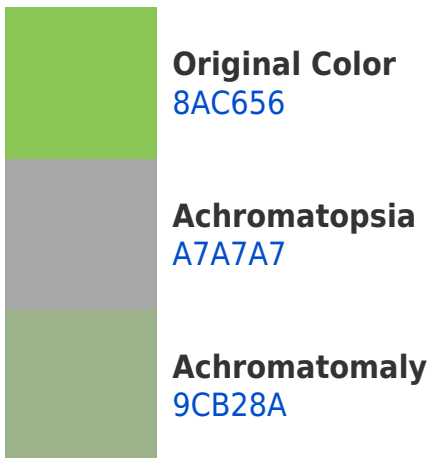


Tritanopia
9BBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC656 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 #8AC656 looks like.

```
.text, #text, p{  
    color:#8AC656  
}
```

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 #8AC656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC656
}
```

Border

The CSS property to change the border of an element to Hex 8AC656 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
#8AC656 }
```

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

```
.border{ border-color:#8AC656 }
```

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

Here you see how a box with a 4 pixel #8AC656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC656; -webkit-box-shadow:4px 4px  
4px 4px #8AC656; box-shadow:4px 4px 4px  
4px #8AC656 }
```

Background

The CSS property to change the background color of an element to Hex 8AC656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC656 }
```

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

```
.background{ background-color:#8AC656 }
```

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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