

Converting Colors

Hex(85AA69)

Have a look what the booklet for
Hex(85AA69) contains.

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Color

Hex(85AA69)

Conversions

Conversions Part 1

Format	Color
Hex	85AA69
RGB	133, 170, 105
RGB Percent	52%, 67%, 41%
CMY	0.4784, 0.3333, 0.5882
CMYK	0.22, 0.00, 0.38, 0.33
HSL	94°, 28%, 54%
HSV	94°, 38%, 67%
XYZ	26.5974, 34.7559, 18.6713
YIQ	151.5270, -1.1870, -28.0590

Conversions

Conversions Part 2

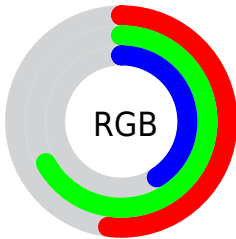
Format	Color
RYB	105, 170, 142
Decimal	8759913
CIELab	65.56, -24.50, 29.50
CIElCh	66, 38.351, 129.709
Yxy	34.7559, 0.3324, 0.4343
Android (android.graphics.Color)	4286949993 (0xFF85AA69)
YUV	151.5270, -22.9378, -16.2482
Hunter-Lab	58.9541, -22.6388, 22.4902

Details

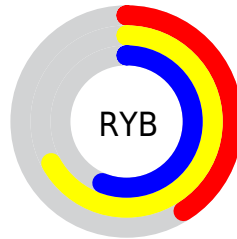
The Hex color **85AA69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E69AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BBE19D**, and **527638** is the 20% darker color. If you saturate the color by 10%, you get **7BAA58**, and if you desaturate by 10%, it is **8FAA7A**.

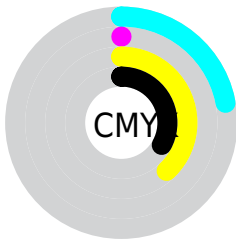
Distribution



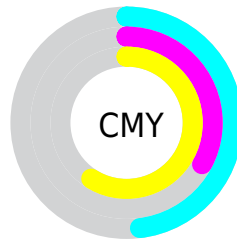
- Red (52%)
- Green (67%)
- Blue (41%)



- Red (41%)
- Yellow (67%)
- Blue (56%)



- Cyan (22%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AA69 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 85AA69 by changing the saturation by 10% instead.



85AA69



85AA69

FFFFFF



6B8F50



BBE19D



527638



D7FEB8



395D21



F4FFD4



21450A



FFFFF0



0B2E00



001C00



000000



85AA69



85AA69



7BAA58



8FAA7A

72AA47

98AA8B

68AA36

A2AA9C

5EAA25

ACAAAD

55AA14

B5AABE

4BAA03

BFAACF

49AA00

C9AAE0

D2AAF1

DCAAFF

Harmonies

Analogous

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



AAA15A



85AA69



59B086

Triad

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



85AA69



3CA9DF



E18495

Complementary

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



85AA69



8E69AA

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.



D387B8



85AA69



7F9FE3

Square

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



85AA69



00AFCA



B192D4



DD8A75

Rectangle

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



85AA69



34B19E



B192D4



DF84A1

Sweetspot

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



85AA69



D0DEC5



AA8E69



687062



F0F0F0



707070

Same Dimension

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



85AA69



A4DE78



69AA6D



4F544C



409400



091400

Inverse Universe

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



8E69AA



B278DE



AA69A6



514C54



540094



0C0014

Previews

White Background



This preview shows how the Hex color 85AA69 looks on a white background.

Color Contrast Check

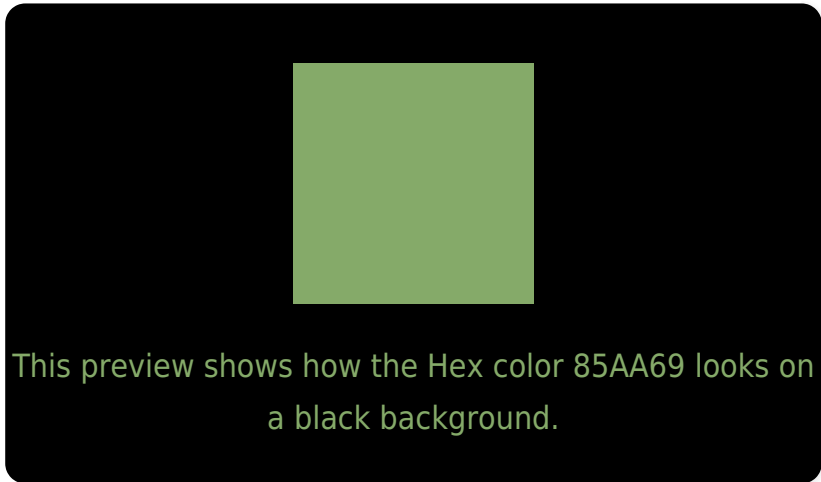
Large Text (above 18pt) WCAG AA × Fail

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

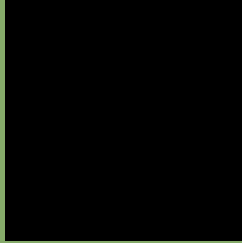
Any Text WCAG AA ✓ Pass

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 85AA69 Background



This preview shows how black text looks on a background with the Hex color 85AA69.



This preview shows how white text looks on a background with the Hex color 85AA69.

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](#).

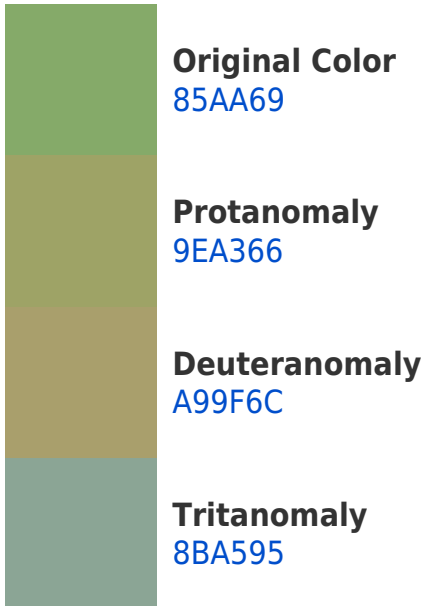
Dichromacy



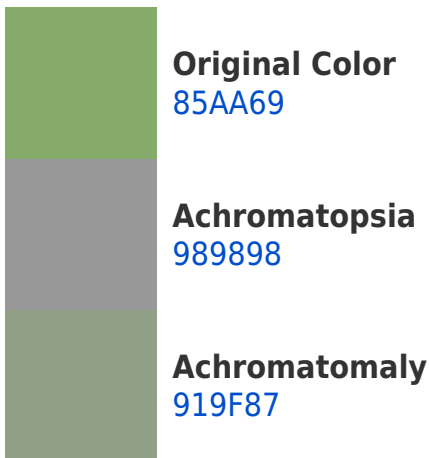


Tritanopia
8FA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85AA69 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 #85AA69 looks like.

```
.text, #text, p{  
    color:#85AA69  
}
```

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 #85AA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AA69
}
```

Border

The CSS property to change the border of an element to Hex 85AA69 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
#85AA69 }
```

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

```
.border{ border-color:#85AA69 }
```

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

Here you see how a box with a 4 pixel #85AA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AA69; -webkit-box-shadow:4px 4px  
4px 4px #85AA69; box-shadow:4px 4px 4px  
4px #85AA69 }
```

Background

The CSS property to change the background color of an element to Hex 85AA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AA69 }
```

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

```
.background{ background-color:#85AA69 }
```

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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