

Converting Colors

Hex(86AA5D)

Have a look what the booklet for
Hex(86AA5D) contains.

Hex(86AA5D)	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(86AA5D)

Conversions

Conversions Part 1

Format	Color
Hex	86AA5D
RGB	134, 170, 93
RGB Percent	53%, 67%, 36%
CMY	0.4745, 0.3333, 0.6353
CMYK	0.21, 0.00, 0.45, 0.33
HSL	88°, 31%, 52%
HSV	88°, 45%, 67%
XYZ	26.1820, 34.6081, 15.6560
YIQ	150.4580, 3.2610, -31.5790

Conversions

Conversions Part 2

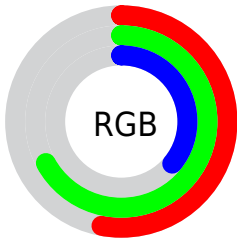
Format	Color
RYB	93, 170, 129
Decimal	8825437
CIELab	65.44, -25.71, 35.64
CIELCh	65, 43.948, 125.810
Yxy	34.6081, 0.3425, 0.4527
Android (android.graphics.Color)	4287015517 (0xFF86AA5D)
YUV	150.4580, -28.3268, -14.4337
Hunter-Lab	58.8286, -23.5077, 25.4013

Details

The Hex color **86AA5D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **815DAA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BDE191**, and **52762C** is the 20% darker color. If you saturate the color by 10%, you get **7EAA4C**, and if you desaturate by 10%, it is **8EAA6E**.

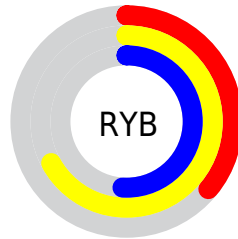
Distribution



Red (53%)

Green (67%)

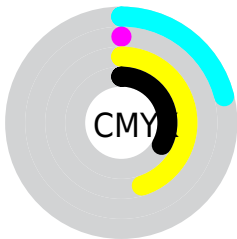
Blue (36%)



Red (36%)

Yellow (67%)

Blue (51%)

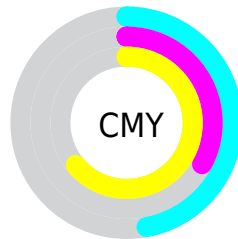


Cyan (21%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AA5D 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 86AA5D by changing the saturation by 10% instead.

 86AA5D

 86AA5D

FFFFFF

 6C8F44

 BDE191

 52762C

 D9FEAC

 395D14

 F6FFC7

 214500

 FFFFE4

 072E00

 001C00

 000000

 86AA5D

 86AA5D

 7EAA4C

 8EAA6E

76AA3B

96AA7F

6EAA2A

9EAA90

66AA19

A6AAA1

5EAA08

AEAAB2

5BAA00

B6AAC3

BEAAD4

C6AAE5

CEAAF6

Harmonies

Analogous

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



B09F4E



86AA5D



52B17D

Triad

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



86AA5D



00ACE6



E97E99

Complementary

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



86AA5D



815DAA

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.



D684C0



86AA5D



6CA0ED

Square

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



86AA5D



00B2CC



AD92DF



E68473

Rectangle

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



86AA5D



14B398



AD92DF



E57FA6

Sweetspot

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



86AA5D



CFDEBF



AA815D



67705D



F0F0F0



707070

Same Dimension

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



86AA5D



A6DE66



60AA5D



50544C



4F9400



0B1400

Inverse Universe

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



815DAA



9E66DE



A75DAA



504C54



450094



0A0014

Previews

White Background



This preview shows how the Hex color 86AA5D looks on a white background.

Color Contrast Check

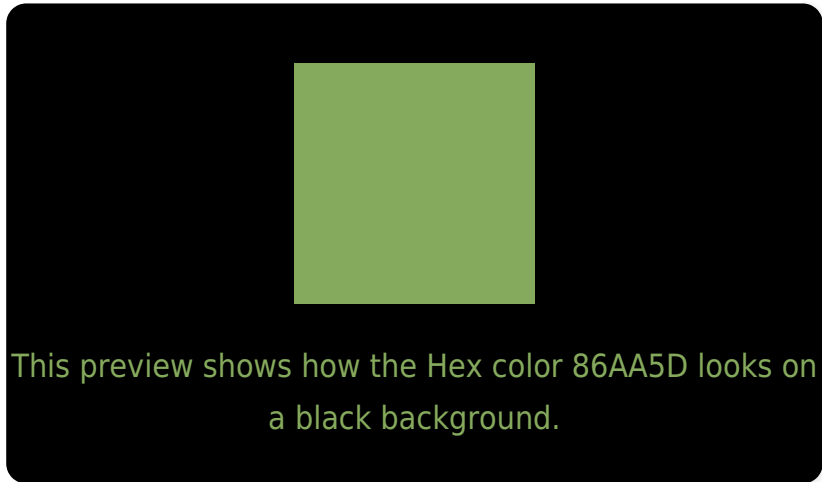
Large Text (above 18pt) WCAG AA × Fail

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 86AA5D Background



This preview shows how black text looks on a background with the Hex color 86AA5D.



This preview shows how white text looks on a background with the Hex color 86AA5D.

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



Original Color
86AA5D

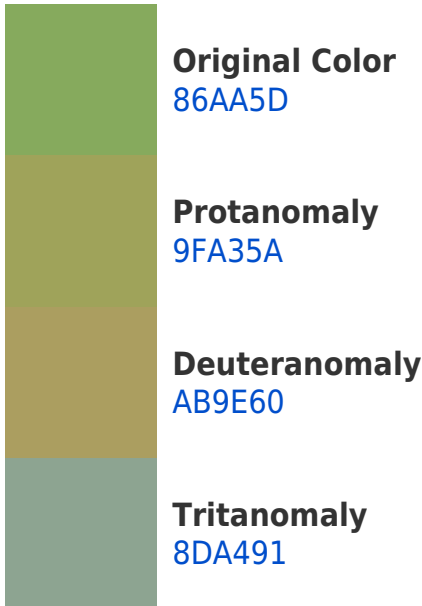
Protanopia
AE9F59

Deuteranopia
C09761

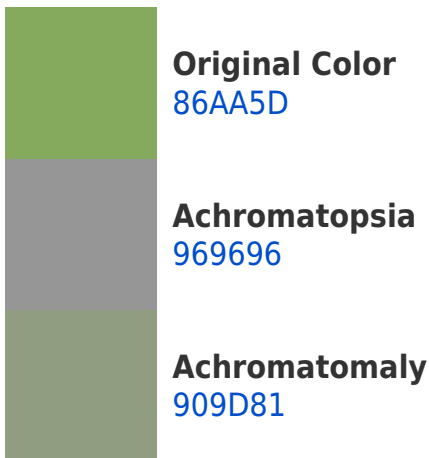


Tritanopia
91A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AA5D 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 #86AA5D looks like.

```
.text, #text, p{  
    color:#86AA5D  
}
```

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 #86AA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AA5D
}
```

Border

The CSS property to change the border of an element to Hex 86AA5D 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
#86AA5D }
```

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

```
.border{ border-color:#86AA5D }
```

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

Here you see how a box with a 4 pixel #86AA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AA5D; -webkit-box-shadow:4px 4px  
4px 4px #86AA5D; box-shadow:4px 4px 4px  
4px #86AA5D }
```

Background

The CSS property to change the background color of an element to Hex 86AA5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AA5D }
```

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

```
.background{ background-color:#86AA5D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor