

Converting Colors

Hex(84AE76)

Have a look what the booklet for
Hex(84AE76) contains.

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Color

Hex(84AE76)

Conversions

Conversions Part 1

Format	Color
Hex	84AE76
RGB	132, 174, 118
RGB Percent	52%, 68%, 46%
CMY	0.4824, 0.3176, 0.5373
CMYK	0.24, 0.00, 0.32, 0.32
HSL	105°, 26%, 57%
HSV	105°, 32%, 68%
XYZ	27.9218, 36.4856, 22.7103
YIQ	155.0580, -7.0560, -26.3200

Conversions

Conversions Part 2

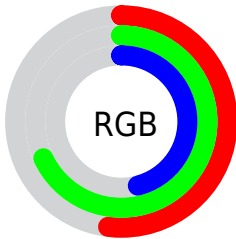
Format	Color
RYB	118, 174, 160
Decimal	8695414
CIELab	66.89, -24.90, 24.30
CIELCh	67, 34.794, 135.693
Yxy	36.4856, 0.3205, 0.4188
Android (android.graphics.Color)	4286885494 (0xFF84AE76)
YUV	155.0580, -18.2696, -20.2219
Hunter-Lab	60.4033, -23.1932, 19.9906

Details

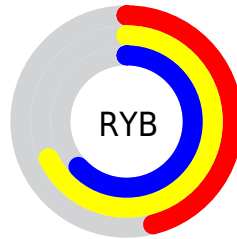
The Hex color **84AE76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A076AE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BAE6AB**, and **517945** is the 20% darker color. If you saturate the color by 10%, you get **77AE65**, and if you desaturate by 10%, it is **91AE87**.

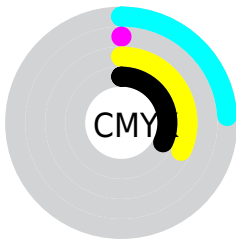
Distribution



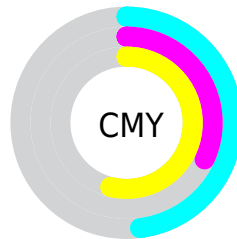
- Red (52%)
- Green (68%)
- Blue (46%)



- Red (46%)
- Yellow (68%)
- Blue (63%)



- Cyan (24%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84AE76 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 84AE76 by changing the saturation by 10% instead.



84AE76



84AE76

FFFFFF



6A935D



BAE6AB



517945



D6FFC6



39602E



F3FFE2



214818



093100



001E00



000000



84AE76



84AE76



77AE65



91AE87

 6AAE53

 9EAE99

 5DAE42

 ABAEAA

 50AE30

 B8AEBC

 43AE1F

 C5AECD

 36AE0E

 D2AEDE

 2CAE00

 DFAEFO

 ECAEFF

 F9AEFF

Harmonies

Analogous

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



A7A666



84AE76



5DB392

Triad

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



84AE76



5DAADF



E08B93

Complementary

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



84AE76



A076AE

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.



D78CB3



84AE76



91A0DF

Square

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



84AE76



2FB1CF



BB95CF



D99177

Rectangle

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



84AE76



42B4A8



BB95CF



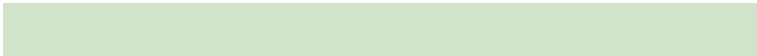
DF8B9E

Sweetspot

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



84AE76



D2E3CC



AEA076



687365



F2F2F2



737373

Same Dimension

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



84AE76



A1E38A



76AE84



50574E



269600



061700

Inverse Universe

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



A076AE



CD8AE3



AE76A0



554E57



710096



110017

Previews

White Background



This preview shows how the Hex color 84AE76 looks on a white background.

Color Contrast Check

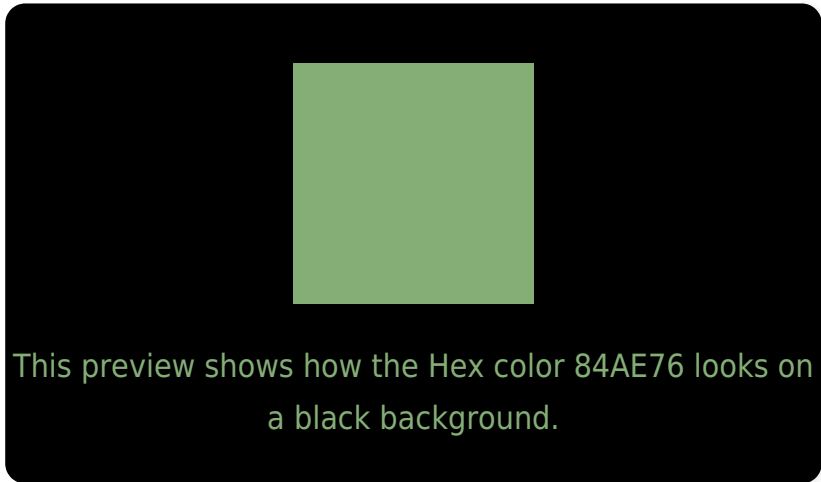
Large Text (above 18pt) WCAG AA × Fail

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 84AE76 Background



This preview shows how black text looks on a background with the Hex color 84AE76.



This preview shows how white text looks on a background with the Hex color 84AE76.

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
84AE76

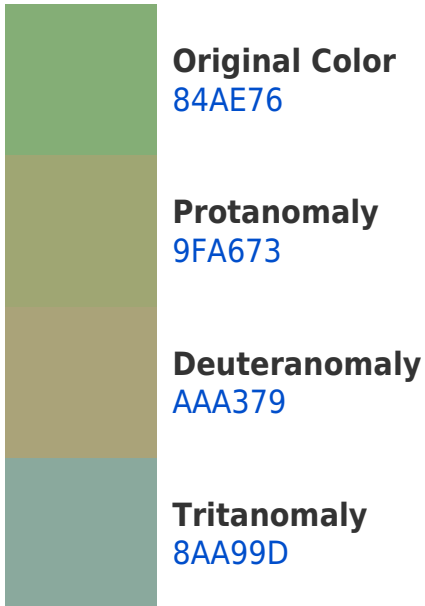
Protanopia
AFA271

Deuteranopia
BF9C7A

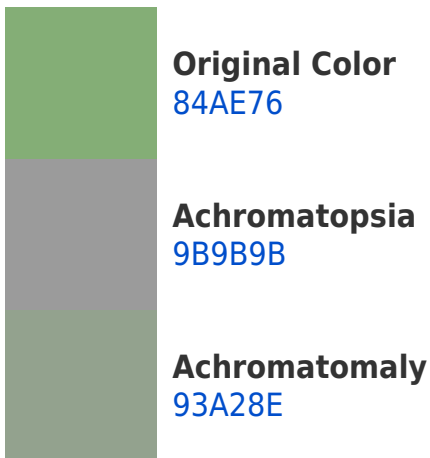


Tritanopia
8EA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84AE76 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 #84AE76 looks like.

```
.text, #text, p{  
    color:#84AE76  
}
```

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 #84AE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AE76
}
```

Border

The CSS property to change the border of an element to Hex 84AE76 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
#84AE76 }
```

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

```
.border{ border-color:#84AE76 }
```

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

Here you see how a box with a 4 pixel #84AE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AE76; -webkit-box-shadow:4px 4px  
4px 4px #84AE76; box-shadow:4px 4px 4px  
4px #84AE76 }
```

Background

The CSS property to change the background color of an element to Hex 84AE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AE76 }
```

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

```
.background{ background-color:#84AE76 }
```

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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