

Converting Colors

Hex(87AC76)

Have a look what the booklet for
Hex(87AC76) contains.

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Color

Hex(87AC76)

Conversions

Conversions Part 1

Format	Color
Hex	87AC76
RGB	135, 172, 118
RGB Percent	53%, 67%, 46%
CMY	0.4706, 0.3255, 0.5373
CMYK	0.22, 0.00, 0.31, 0.33
HSL	101°, 25%, 57%
HSV	101°, 31%, 67%
XYZ	28.0142, 35.9640, 22.6048
YIQ	154.7810, -4.7180, -24.6380

Conversions

Conversions Part 2

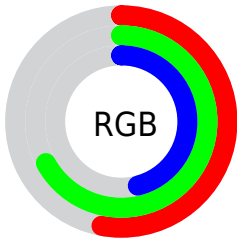
Format	Color
RYB	118, 172, 155
Decimal	8891510
CIELab	66.49, -22.82, 23.80
CIELCh	66, 32.976, 133.794
Yxy	35.9640, 0.3236, 0.4154
Android (android.graphics.Color)	4287081590 (0xFF87AC76)
YUV	154.7810, -18.1330, -17.3479
Hunter-Lab	59.9700, -21.5634, 19.6305

Details

The Hex color **87AC76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B76AC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BDE4AB**, and **547845** is the 20% darker color. If you saturate the color by 10%, you get **7BAC65**, and if you desaturate by 10%, it is **93AC87**.

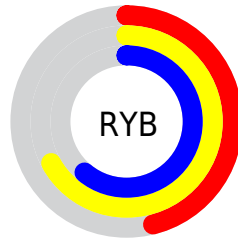
Distribution



Red (53%)

Green (67%)

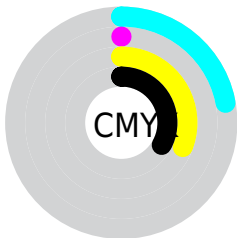
Blue (46%)



Red (46%)

Yellow (67%)

Blue (61%)

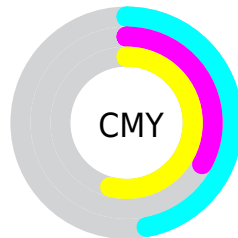


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AC76 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 87AC76 by changing the saturation by 10% instead.



87AC76



87AC76

FFFFFF



6D915D



BDE4AB



547845



D9FFC6



3C5F2E



F6FFE2



244718



0E3000



001D00



000000



87AC76



87AC76



7BAC65



93AC87

 6FAC54

 9FAC98

 64AC42

 AAACAA

 58AC31

 B6ACBB

 4CAC20

 C2ACCC

 40AC0F

 CEACDD

 36AC00

 D9ACEE

 E5ACFF

 F1ACFF

Harmonies

Analogous

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



A8A467



87AC76



63B190

Triad

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



87AC76



5FA9DA



DC8B95

Complementary

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



87AC76



9B76AC

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.



D28DB3



87AC76



8EA0DB

Square

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



87AC76



3AAFCA



B795CD



D7917A

Rectangle

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



87AC76



4BB2A5



B795CD



DB8B9F

Sweetspot

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



87AC76



D3E0CC



AC9B76



687064



F0F0F0



707070

Same Dimension

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



87AC76



A6E08B



76AC80



51574E



2F9600



071700

Inverse Universe

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



9B76AC



C68BE0



AC76A2



544E57



670096



100017

Previews

White Background



This preview shows how the Hex color 87AC76 looks on a white background.

Color Contrast Check

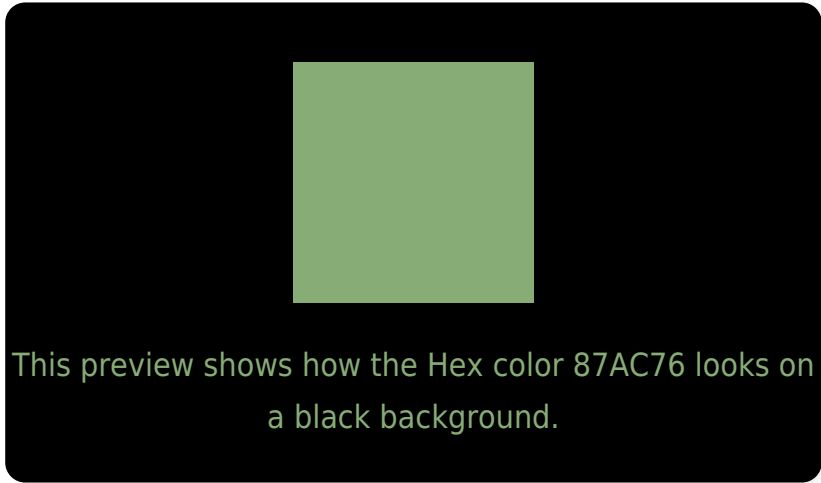
Large Text (above 18pt) WCAG AA × Fail

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

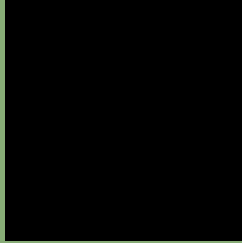
Any Text WCAG AA ✓ Pass

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 87AC76 Background



This preview shows how black text looks on a background with the Hex color 87AC76.

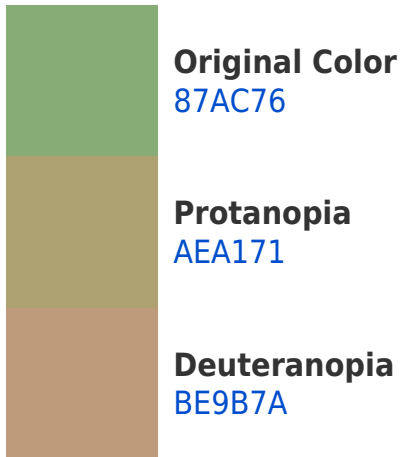


This preview shows how white text looks on a background with the Hex color 87AC76.

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](#).

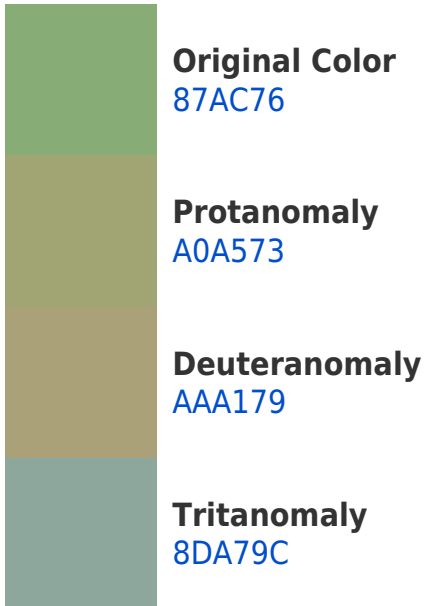
Dichromacy



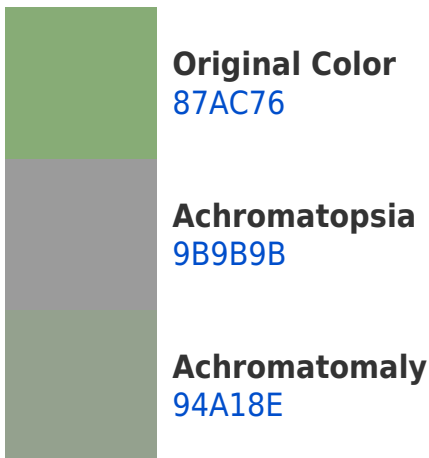


Tritanopia
90A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AC76 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 #87AC76 looks like.

```
.text, #text, p{  
    color:#87AC76  
}
```

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 #87AC76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AC76
}
```

Border

The CSS property to change the border of an element to Hex 87AC76 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
#87AC76 }
```

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

```
.border{ border-color:#87AC76 }
```

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

Here you see how a box with a 4 pixel #87AC76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AC76; -webkit-box-shadow:4px 4px  
4px 4px #87AC76; box-shadow:4px 4px 4px  
4px #87AC76 }
```

Background

The CSS property to change the background color of an element to Hex 87AC76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AC76 }
```

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

```
.background{ background-color:#87AC76 }
```

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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