

Converting Colors

Hex(87AB71)

Have a look what the booklet for
Hex(87AB71) contains.

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Color

Hex(87AB71)

Conversions

Conversions Part 1

Format	Color
Hex	87AB71
RGB	135, 171, 113
RGB Percent	53%, 67%, 44%
CMY	0.4706, 0.3294, 0.5569
CMYK	0.21, 0.00, 0.34, 0.33
HSL	97°, 26%, 56%
HSV	97°, 34%, 67%
XYZ	27.5352, 35.4690, 21.0177
YIQ	153.6240, -2.8380, -25.6700

Conversions

Conversions Part 2

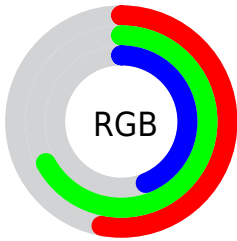
Format	Color
RYB	113, 171, 149
Decimal	8891249
CIELab	66.11, -23.09, 25.99
CIELCh	66, 34.763, 131.622
Yxy	35.4690, 0.3277, 0.4221
Android (android.graphics.Color)	4287081329 (0xFF87AB71)
YUV	153.6240, -20.0276, -16.3332
Hunter-Lab	59.5558, -21.6945, 20.7652

Details

The Hex color **87AB71** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9571AB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BDE2A5**, and **547740** is the 20% darker color. If you saturate the color by 10%, you get **7CAB60**, and if you desaturate by 10%, it is **92AB82**.

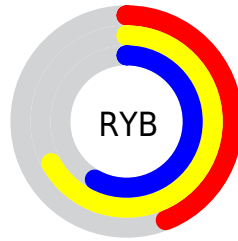
Distribution



Red (53%)

Green (67%)

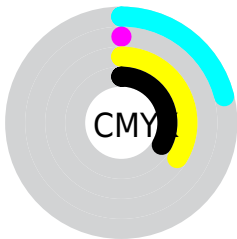
Blue (44%)



Red (44%)

Yellow (67%)

Blue (58%)

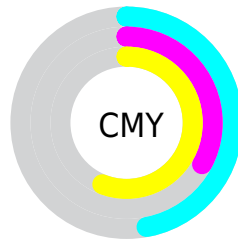


Cyan (21%)

Magenta (0%)

Yellow (34%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AB71 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 87AB71 by changing the saturation by 10% instead.

 87AB71

 87AB71

FFFFFF

 6D9058

 BDE2A5

 547740

 D9FFC1

 3C5E29

 F6FFDD

 244613

 FFFFF9

 0E2F00

 001C00

 000000

 87AB71

 87AB71

 7CAB60

 92AB82

 72AB4F

 9CAB93

 67AB3E

 A7ABA4

 5DAB2D


 B1ABB5

 52AB1B

 BCABC6

 47AB0A

 C7ABD8

 41AB00

 D1ABE9

 DCABFA

 E7ABFF

Harmonies

Analogous

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



A9A363



87AB71



60B08C

Triad

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



87AB71



54A9DB



DE8996

Complementary

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



87AB71



9571AB

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.



D28BB5



87AB71



88A0DE

Square

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



87AB71



28AFC9



B494CF



D98E79

Rectangle

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



87AB71



45B1A1



B494CF



DC89A0

Sweetspot

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



87AB71



D0DEC8



AB9571



687063



F0F0F0



707070

Same Dimension

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



87AB71



A5DE83



71AB78



51574E



399600



091700

Inverse Universe

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



9571AB



BB83DE



AB71A4



534E57



5D0096



0E0017

Previews

White Background



This preview shows how the Hex color 87AB71 looks on a white background.

Color Contrast Check

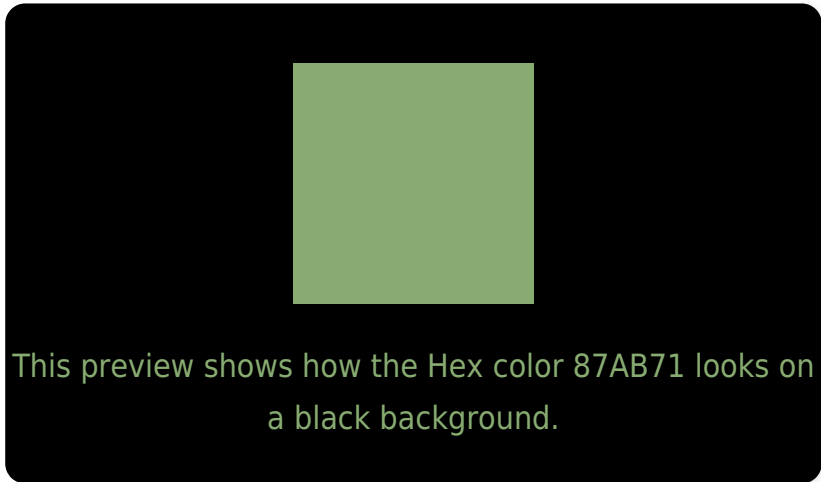
Large Text (above 18pt) WCAG AA × Fail

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 87AB71 Background



This preview shows how black text looks on a background with the Hex color 87AB71.

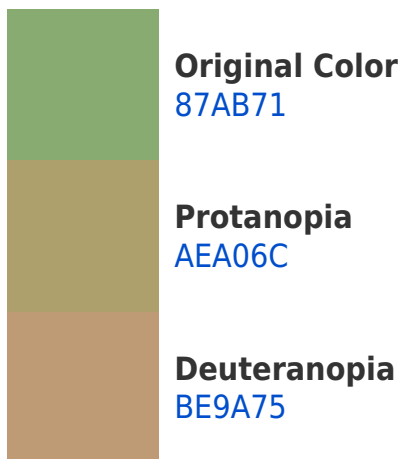


This preview shows how white text looks on a background with the Hex color 87AB71.

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](#).

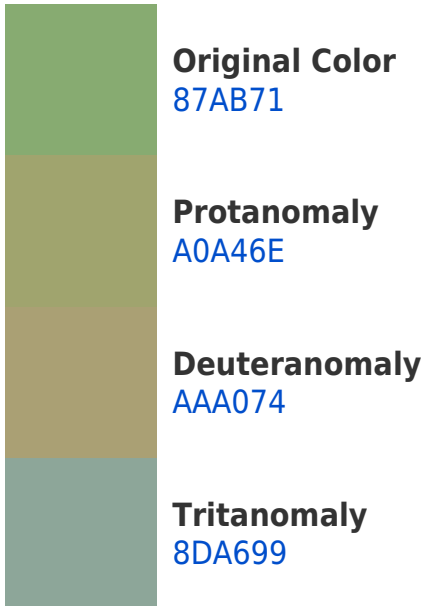
Dichromacy





Tritanopia
91A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AB71 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 #87AB71 looks like.

```
.text, #text, p{  
    color:#87AB71  
}
```

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 #87AB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AB71
}
```

Border

The CSS property to change the border of an element to Hex 87AB71 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
#87AB71 }
```

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

```
.border{ border-color:#87AB71 }
```

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

Here you see how a box with a 4 pixel #87AB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AB71; -webkit-box-shadow:4px 4px  
4px 4px #87AB71; box-shadow:4px 4px 4px  
4px #87AB71 }
```

Background

The CSS property to change the background color of an element to Hex 87AB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AB71 }
```

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

```
.background{ background-color:#87AB71 }
```

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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