

Converting Colors

Hex(86AB72)

Have a look what the booklet for
Hex(86AB72) contains.

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Color

Hex(86AB72)

Conversions

Conversions Part 1

Format	Color
Hex	86AB72
RGB	134, 171, 114
RGB Percent	53%, 67%, 45%
CMY	0.4745, 0.3294, 0.5529
CMYK	0.22, 0.00, 0.33, 0.33
HSL	99°, 25%, 56%
HSV	99°, 33%, 67%
XYZ	27.4317, 35.4091, 21.3084
YIQ	153.4390, -3.7550, -25.5710

Conversions

Conversions Part 2

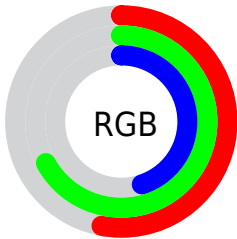
Format	Color
RYB	114, 171, 151
Decimal	8825714
CIELab	66.07, -23.31, 25.38
CIELCh	66, 34.455, 132.565
Yxy	35.4091, 0.3260, 0.4208
Android (android.graphics.Color)	4287015794 (0xFF86AB72)
YUV	153.4390, -19.4434, -17.0480
Hunter-Lab	59.5055, -21.8472, 20.4226

Details

The Hex color **86AB72** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9772AB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BCE2A6**, and **537741** is the 20% darker color. If you saturate the color by 10%, you get **7BAB61**, and if you desaturate by 10%, it is **91AB83**.

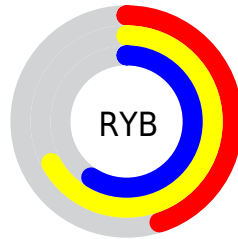
Distribution



Red (53%)

Green (67%)

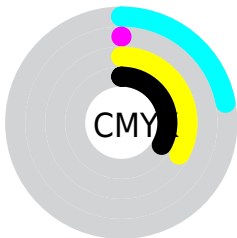
Blue (45%)



Red (45%)

Yellow (67%)

Blue (59%)

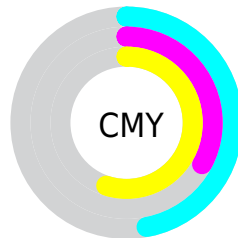


Cyan (22%)

Magenta (0%)

Yellow (33%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AB72 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 86AB72 by changing the saturation by 10% instead.



86AB72



86AB72

FFFFFF



6C9059



BCE2A6



537741



D8FFC2



3B5E2A



F5FFDE



234614



FFFFFFA



0D2F00



001C00



000000



86AB72



86AB72



7BAB61



91AB83

 70AB50

 9CAB94

 65AB3F

 A7ABA5

 5AAB2E

 B2ABB6

 4FAB1D

 BDABC7

 43AB0B

 C9ABD9

 3CAB00

 D4ABEA

 DFABFB

 EAABFF

Harmonies

Analogous

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



A8A363



86AB72



60B08D

Triad

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



86AB72



56A9DB



DD8995

Complementary

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



86AB72



9772AB

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.



D28BB4



86AB72



8A9FDD

Square

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



86AB72



2BAFC9



B594CE



D88E78

Rectangle

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



86AB72



45B1A2



B594CE



DB899F

Sweetspot

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



86AB72



CFDEC8



AB9672



677063



F0F0F0



707070

Same Dimension

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



86AB72



A4DE85



72AB7A



51574E



359600



081700

Inverse Universe

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



9772AB



BF85DE



AB72A3



544E57



620096



0F0017

Previews

White Background



This preview shows how the Hex color 86AB72 looks on a white background.

Color Contrast Check

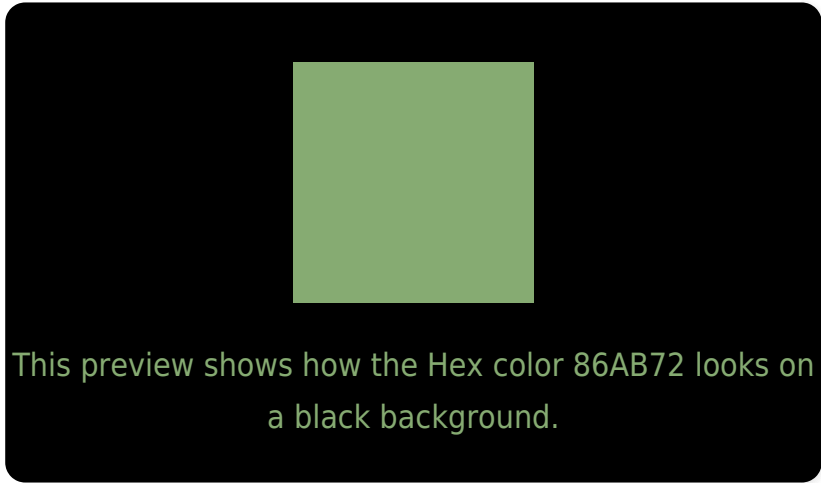
Large Text (above 18pt) WCAG AA × Fail

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

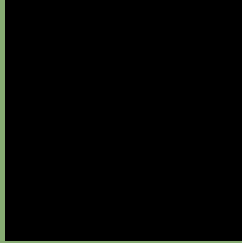
Any Text WCAG AA ✓ Pass

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 86AB72 Background



This preview shows how black text looks on a background with the Hex color 86AB72.

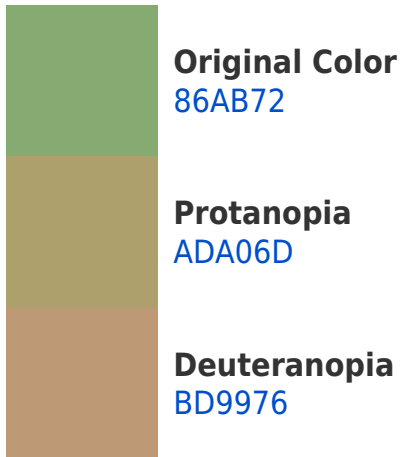


This preview shows how white text looks on a background with the Hex color 86AB72.

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](#).

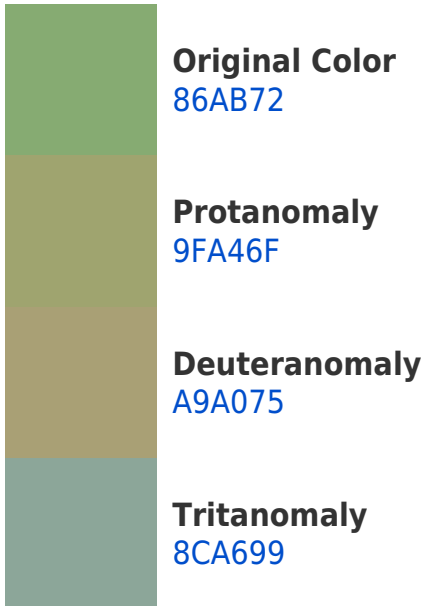
Dichromacy



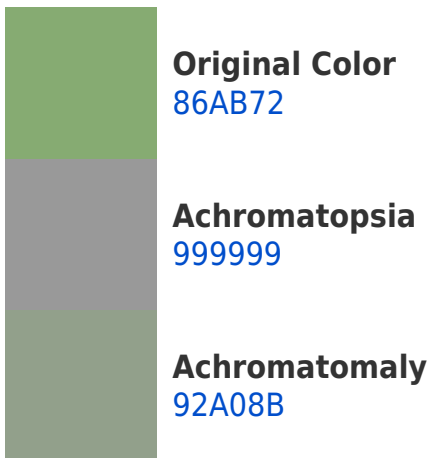


Tritanopia
90A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AB72 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 #86AB72 looks like.

```
.text, #text, p{  
    color:#86AB72  
}
```

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 #86AB72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AB72
}
```

Border

The CSS property to change the border of an element to Hex 86AB72 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
#86AB72 }
```

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

```
.border{ border-color:#86AB72 }
```

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

Here you see how a box with a 4 pixel #86AB72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AB72; -webkit-box-shadow:4px 4px  
4px 4px #86AB72; box-shadow:4px 4px 4px  
4px #86AB72 }
```

Background

The CSS property to change the background color of an element to Hex 86AB72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AB72 }
```

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

```
.background{ background-color:#86AB72 }
```

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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