

Converting Colors

Hex(87B072)

Have a look what the booklet for
Hex(87B072) contains.

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Color

Hex(87B072)

Conversions

Conversions Part 1

Format	Color
Hex	87B072
RGB	135, 176, 114
RGB Percent	53%, 69%, 45%
CMY	0.4706, 0.3098, 0.5529
CMYK	0.23, 0.00, 0.35, 0.31
HSL	100°, 28%, 57%
HSV	100°, 35%, 69%
XYZ	28.5543, 37.4165, 21.6367
YIQ	156.6730, -4.5340, -27.9740

Conversions

Conversions Part 2

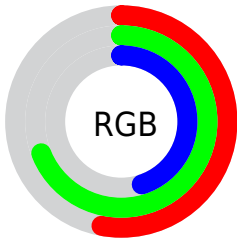
Format	Color
RYB	114, 176, 155
Decimal	8892530
CIELab	67.59, -25.42, 27.41
CIELCh	68, 37.382, 132.846
Yxy	37.4165, 0.3259, 0.4271
Android (android.graphics.Color)	4287082610 (0xFF87B072)
YUV	156.6730, -21.0378, -19.0072
Hunter-Lab	61.1690, -23.7203, 21.8462

Details

The Hex color **87B072** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B72B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDE8A6**, and **547B41** is the 20% darker color. If you saturate the color by 10%, you get **7BB060**, and if you desaturate by 10%, it is **93B084**.

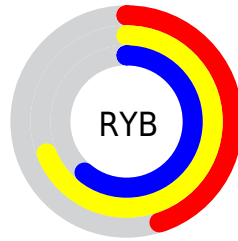
Distribution



Red (53%)

Green (69%)

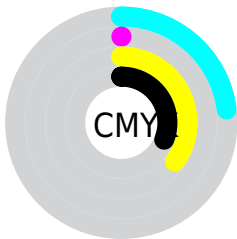
Blue (45%)



Red (45%)

Yellow (69%)

Blue (61%)

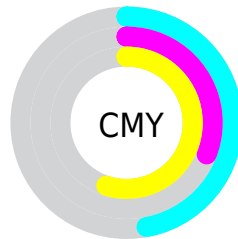


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B072 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 87B072 by changing the saturation by 10% instead.



87B072



87B072

FFFFFF



6D9559



BDE8A6



547B41



D9FFC2



3B622A



F6FFDE



234A13



FFFFFB



0C3300



001F00



000000



87B072



87B072



7BB060



93B084

 70B04F

 9EB095

 64B03D

 AAB0A7

 58B02C

 B6B0B8

 4DB01A

 C1B0CA

 41B008

 CDB0DC

 3CB000

 D8B0ED

 E4B0FF

 F0B0FF

Harmonies

Analogous

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



ACA762



87B072



5CB590

Triad

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



87B072



50AEE4



E68A97

Complementary

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



87B072



9B72B0

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.



DA8DB9



87B072



8BA3E6

Square

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



87B072



0AB4D1



BB97D6



E09178

Rectangle

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



87B072



3BB7A7



BB97D6



E48AA3

Sweetspot

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



87B072



D5E6CC



B09A72



697364



F2F2F2



737373

Same Dimension

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



87B072



A6E685



72B07B



535950



349900



091A00

Inverse Universe

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



9B72B0



C585E6



B072A7



565059



650099



11001A

Previews

White Background



This preview shows how the Hex color 87B072 looks on a white background.

Color Contrast Check

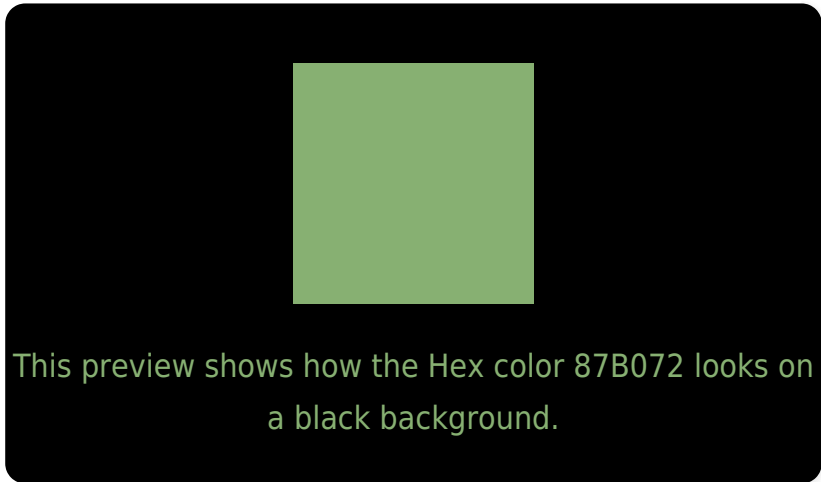
Large Text (above 18pt) WCAG AA × Fail

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

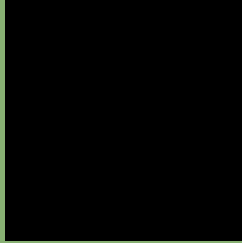
Any Text WCAG AA ✓ Pass

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 87B072 Background



This preview shows how black text looks on a background with the Hex color 87B072.

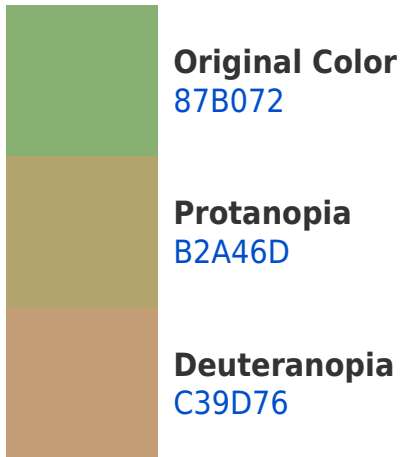


This preview shows how white text looks on a background with the Hex color 87B072.

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](#).

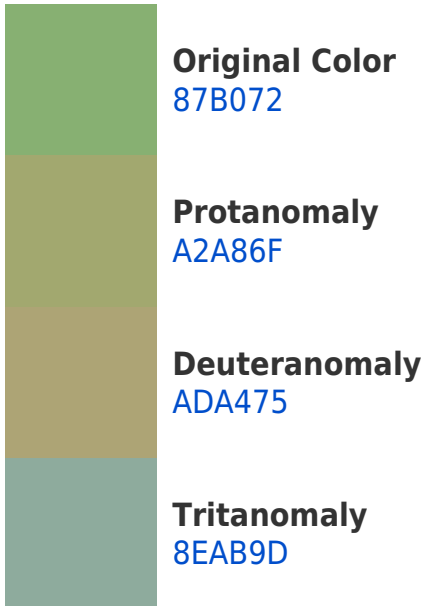
Dichromacy



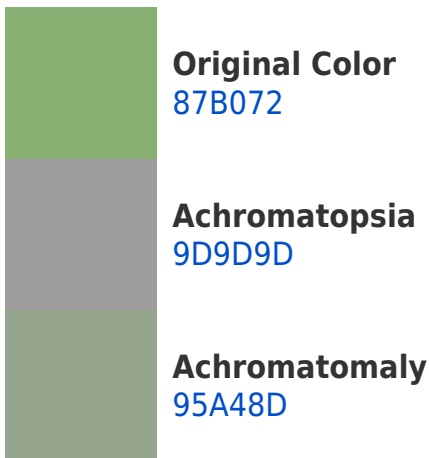


Tritanopia
92A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B072 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 #87B072 looks like.

```
.text, #text, p{  
    color:#87B072  
}
```

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 #87B072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B072
}
```

Border

The CSS property to change the border of an element to Hex 87B072 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
#87B072 }
```

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

```
.border{ border-color:#87B072 }
```

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

Here you see how a box with a 4 pixel #87B072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B072; -webkit-box-shadow:4px 4px  
4px 4px #87B072; box-shadow:4px 4px 4px  
4px #87B072 }
```

Background

The CSS property to change the background color of an element to Hex 87B072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B072 }
```

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

```
.background{ background-color:#87B072 }
```

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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