

Converting Colors

Hex(87A16D)

Have a look what the booklet for
Hex(87A16D) contains.

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Color

Hex(87A16D)

Conversions

Conversions Part 1

Format	Color
Hex	87A16D
RGB	135, 161, 109
RGB Percent	53%, 63%, 43%
CMY	0.4706, 0.3686, 0.5725
CMYK	0.16, 0.00, 0.32, 0.37
HSL	90°, 22%, 53%
HSV	90°, 32%, 63%
XYZ	25.4969, 31.7448, 19.2515
YIQ	147.2980, 1.1960, -21.6840

Conversions

Conversions Part 2

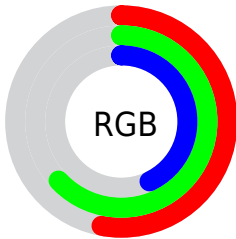
Format	Color
RYB	109, 161, 135
Decimal	8888685
CIELab	63.13, -18.62, 24.18
CIElCh	63, 30.516, 127.592
Yxy	31.7448, 0.3333, 0.4150
Android (android.graphics.Color)	4287078765 (0xFF87A16D)
YUV	147.2980, -18.8809, -10.7853
Hunter-Lab	56.3425, -17.8221, 19.1811

Details

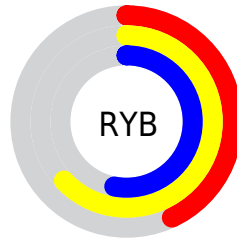
The Hex color **87A16D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **876DA1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BDD8A1**, and **546D3D** is the 20% darker color. If you saturate the color by 10%, you get **7FA15D**, and if you desaturate by 10%, it is **8FA17D**.

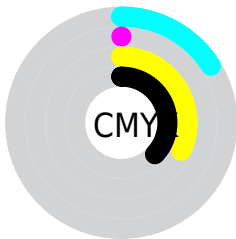
Distribution



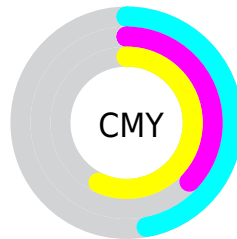
- Red (53%)
- Green (63%)
- Blue (43%)



- Red (43%)
- Yellow (63%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (37%)



- Cyan (47%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A16D 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 87A16D by changing the saturation by 10% instead.



87A16D



87A16D

FFFFFF



6D8754



BDD8A1



546D3D



D9F4BC



3C5526



F6FFD8



253E10



FFFFF5



112700



001300



000000



87A16D



87A16D



7FA15D



8FA17D

 77A14D

 97A18D

 6FA13D

 9FA19D

 67A12D

 A7A1AD

 5FA11D

 AFA1BE

 57A10C

 B7A1CE

 51A100

 BFA1DE

 C7A1EE

 CFA1FE

Harmonies

Analogous

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



A59963



87A16D



67A683

Triad

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



87A16D



55A1CA



CE8493

Complementary

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



87A16D



876DA1

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.



C187AE



87A16D



7F99CE

Square

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



87A16D



3BA6B9



A58FC4



CC8879

Rectangle

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



87A16D



51A796



A58FC4



CB849C

Sweetspot

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



87A16D



C7D1BC



A1876D



62695C



E8E8E8



696969

Same Dimension

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



87A16D



A8D180



6DA16D



4E5249



499100



091200

Inverse Universe

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



876DA1



A880D1



A16DA1



4E4952



490091



090012

Previews

White Background



This preview shows how the Hex color 87A16D looks on a white background.

Color Contrast Check

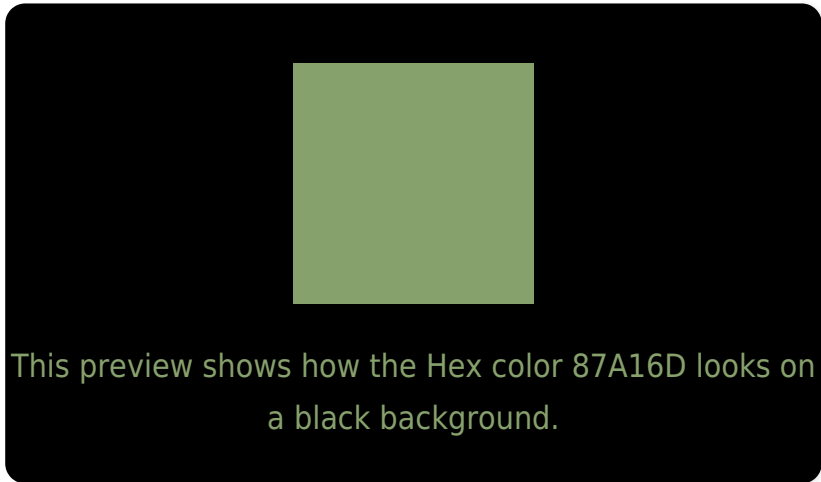
Large Text (above 18pt) WCAG AA × Fail

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

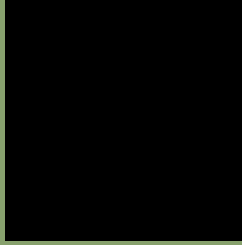
Any Text WCAG AA ✓ Pass

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 87A16D Background



This preview shows how black text looks on a background with the Hex color 87A16D.



This preview shows how white text looks on a background with the Hex color 87A16D.

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
87A16D

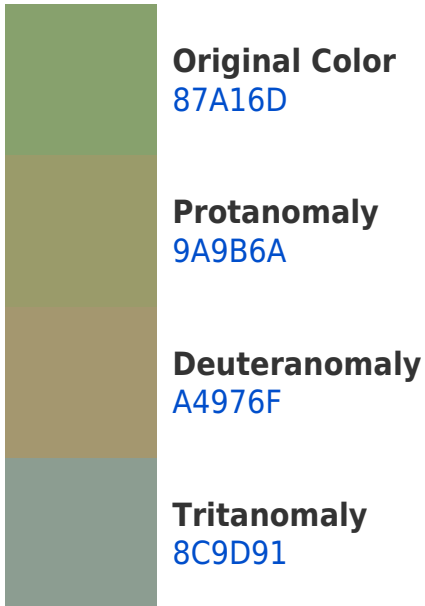
Protanopia
A59869

Deuteranopia
B49270

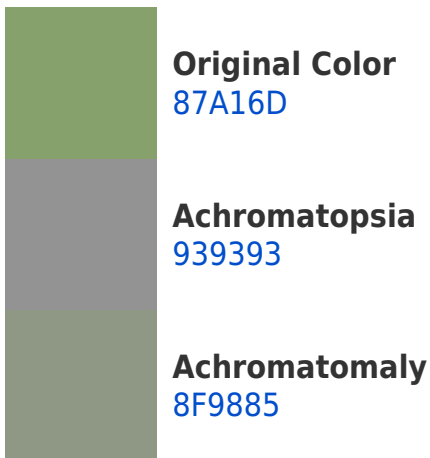


Tritanopia
8F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A16D 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 #87A16D looks like.

```
.text, #text, p{  
    color:#87A16D  
}
```

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 #87A16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A16D
}
```

Border

The CSS property to change the border of an element to Hex 87A16D 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
#87A16D }
```

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

```
.border{ border-color:#87A16D }
```

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

Here you see how a box with a 4 pixel #87A16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A16D; -webkit-box-shadow:4px 4px  
4px 4px #87A16D; box-shadow:4px 4px 4px  
4px #87A16D }
```

Background

The CSS property to change the background color of an element to Hex 87A16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A16D }
```

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

```
.background{ background-color:#87A16D }
```

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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