

Converting Colors

Hex(87A446)

Have a look what the booklet for
Hex(87A446) contains.

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Color

Hex(87A446)

Conversions

Conversions Part 1

Format	Color
Hex	87A446
RGB	135, 164, 70
RGB Percent	53%, 64%, 27%
CMY	0.4706, 0.3569, 0.7255
CMYK	0.18, 0.00, 0.57, 0.36
HSL	79°, 40%, 46%
HSV	79°, 57%, 64%
XYZ	24.3726, 32.1440, 10.7142
YIQ	144.6130, 12.8900, -35.3820

Conversions

Conversions Part 2

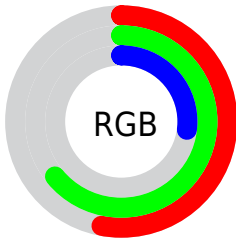
Format	Color
RYB	70, 164, 99
Decimal	8889414
CIELab	63.46, -24.85, 44.67
CIELCh	63, 51.116, 119.089
Yxy	32.1440, 0.3625, 0.4781
Android (android.graphics.Color)	4287079494 (0xFF87A446)
YUV	144.6130, -36.7842, -8.4306
Hunter-Lab	56.6957, -22.4830, 28.4825

Details

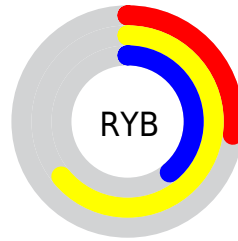
The Hex color **87A446** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6346A4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BEDB79**, and **527011** is the 20% darker color. If you saturate the color by 10%, you get **82A436**, and if you desaturate by 10%, it is **8CA456**.

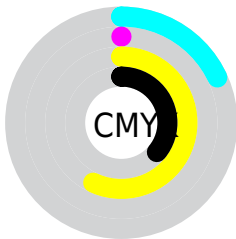
Distribution



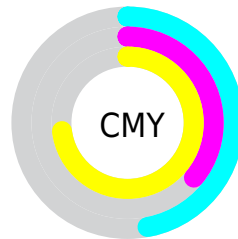
- Red (53%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (39%)



- Cyan (18%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (47%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A446 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 87A446 by changing the saturation by 10% instead.

 87A446

 87A446

FFFFFF

 6C8A2D

 BEDB79

 527011

 DBF894

 395800

 F8FFAF

 214000

 FFFFCB

 032A00

 FFFFEB

 001400

 000000

 87A446

 87A446

 82A436

 8CA456

 7DA425

 91A467

 78A415

 96A477

 73A404

 9BA488

 71A400

 A0A498

 A5A4A8

 AAA4B9

 AFA4C9

 B5A4DA

Harmonies

Analogous

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



B5973A



87A446



4BAC69

Triad

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



87A446



00AAE7



EB729D

Complementary

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



87A446



6346A4

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.



D07CC9



87A446



369FF5

Square

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



87A446



00B0C5



998EE9



EC7770

Rectangle

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



87A446



00AF87



998EE9



E574AC

Sweetspot

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



87A446



CBD6B2



A46246



646B56



EBEBEB



6B6B6B

Same Dimension

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



87A446



A9D642



59A446



4F5249



659100



0C1200

Inverse Universe

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



6346A4



7042D6



9146A4



4C4952



2D0091



060012

Previews

White Background



This preview shows how the Hex color 87A446 looks on a white background.

Color Contrast Check

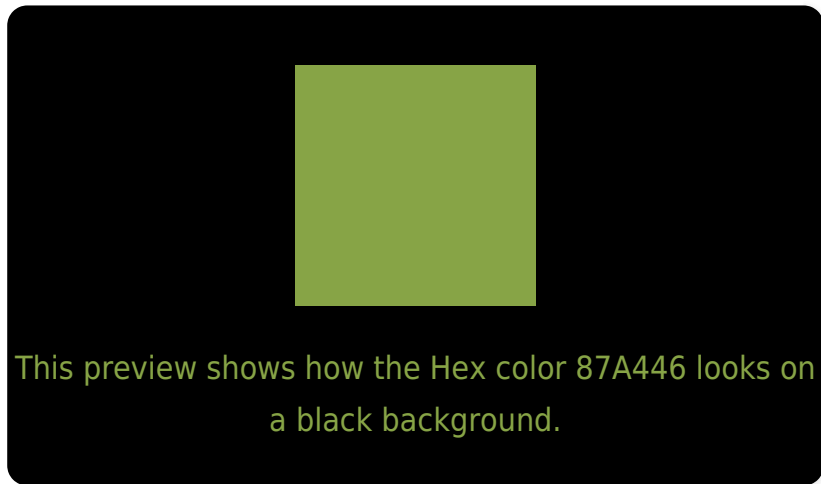
Large Text (above 18pt) WCAG AA × Fail

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

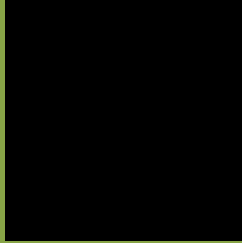
Any Text WCAG AA ✓ Pass

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 87A446 Background



This preview shows how black text looks on a background with the Hex color 87A446.

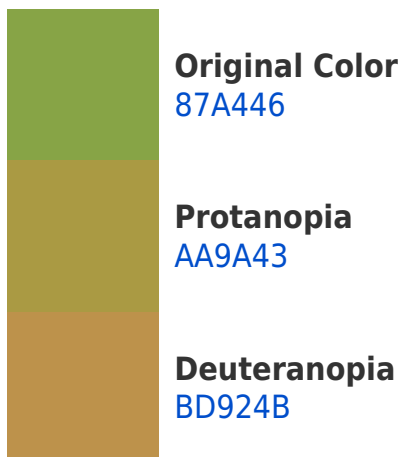


This preview shows how white text looks on a background with the Hex color 87A446.

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](#).

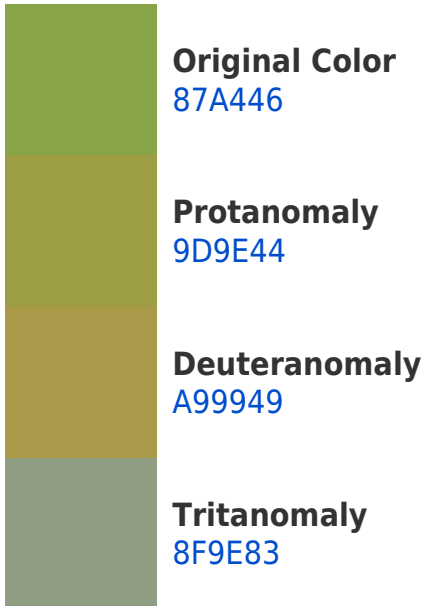
Dichromacy





Tritanopia
939AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A446 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 #87A446 looks like.

```
.text, #text, p{  
    color:#87A446  
}
```

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 #87A446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A446
}
```

Border

The CSS property to change the border of an element to Hex 87A446 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
#87A446 }
```

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

```
.border{ border-color:#87A446 }
```

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

Here you see how a box with a 4 pixel #87A446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A446; -webkit-box-shadow:4px 4px  
4px 4px #87A446; box-shadow:4px 4px 4px  
4px #87A446 }
```

Background

The CSS property to change the background color of an element to Hex 87A446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A446 }
```

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

```
.background{ background-color:#87A446 }
```

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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