

Converting Colors

Hex(87A361)

Have a look what the booklet for
Hex(87A361) contains.

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Color

Hex(87A361)

Conversions

Conversions Part 1

Format	Color
Hex	87A361
RGB	135, 163, 97
RGB Percent	53%, 64%, 38%
CMY	0.4706, 0.3608, 0.6196
CMYK	0.17, 0.00, 0.40, 0.36
HSL	85°, 26%, 51%
HSV	85°, 40%, 64%
XYZ	25.2465, 32.2083, 16.1955
YIQ	147.1040, 4.4980, -26.4620

Conversions

Conversions Part 2

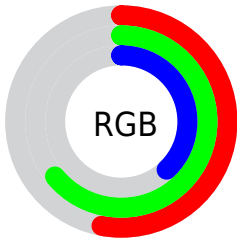
Format	Color
RYB	97, 163, 125
Decimal	8889185
CIELab	63.51, -21.33, 31.13
CIELCh	64, 37.732, 124.418
Yxy	32.2083, 0.3428, 0.4373
Android (android.graphics.Color)	4287079265 (0xFF87A361)
YUV	147.1040, -24.7013, -10.6152
Hunter-Lab	56.7524, -19.9103, 22.8071

Details

The Hex color **87A361** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D61A3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BDDA95**, and **546F31** is the 20% darker color. If you saturate the color by 10%, you get **80A351**, and if you desaturate by 10%, it is **8EA371**.

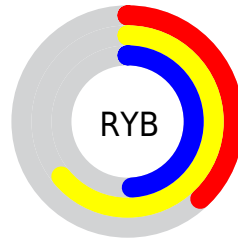
Distribution



Red (53%)

Green (64%)

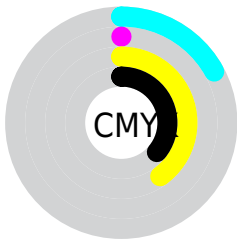
Blue (38%)



Red (38%)

Yellow (64%)

Blue (49%)

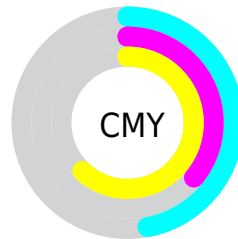


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A361 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 87A361 by changing the saturation by 10% instead.



87A361



87A361

FFFFFF



6D8949



BDDA95



546F31



D9F7AF



3B571A



F6FFCB



243F01



FFFFE7



0D2900



001500



000000



87A361



87A361



80A351



8EA371

■ 79A340

■ 95A382

■ 72A330

■ 9CA392

■ 6BA320

■ A3A3A2

■ 64A310

■ AAA3B3

■ 5EA300

■ B0A3C3

■ B7A3D3

■ BEA3E3

■ C5A3F4

Harmonies

Analogous

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



AB9956



87A361



5DA97C

Triad

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



87A361



29A5D6



D97F96

Complementary

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



87A361



7D61A3

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.



C884B7



87A361



6F9BDC

Square

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



87A361



00AABF



A48FD1



D88376

Rectangle

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



87A361



3BAB92



A48FD1



D680A1

Sweetspot

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



87A361



C9D4BA



A37D61



656B5C



EBEBEB



6B6B6B

Same Dimension

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



87A361



A8D46C



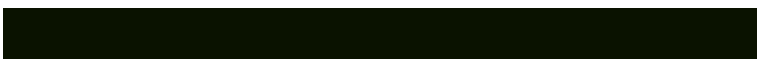
67A361



4E5249



549100



0A1200

Inverse Universe

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



7D61A3



986CD4



9D61A3



4D4952



3E0091



080012

Previews

White Background



This preview shows how the Hex color 87A361 looks on a white background.

Color Contrast Check

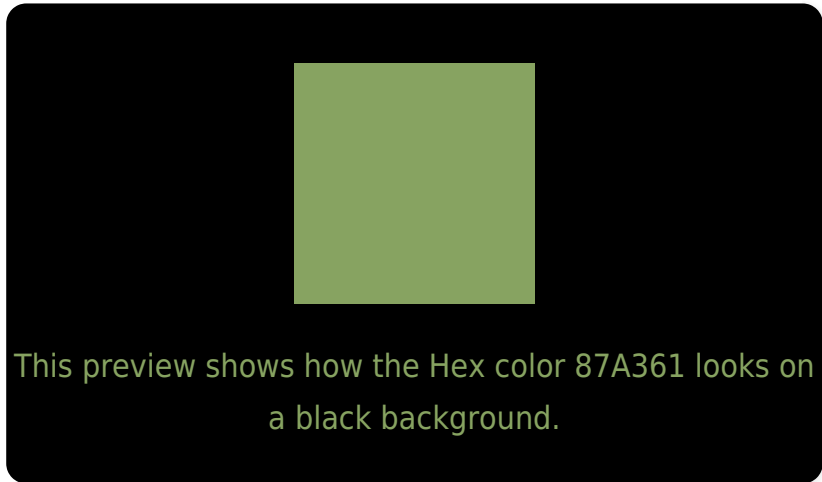
Large Text (above 18pt) WCAG AA × Fail

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

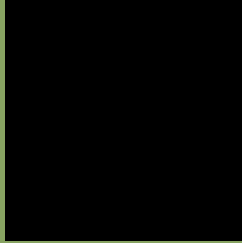
Any Text WCAG AA ✓ Pass

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 87A361 Background



This preview shows how black text looks on a background with the Hex color 87A361.



This preview shows how white text looks on a background with the Hex color 87A361.

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



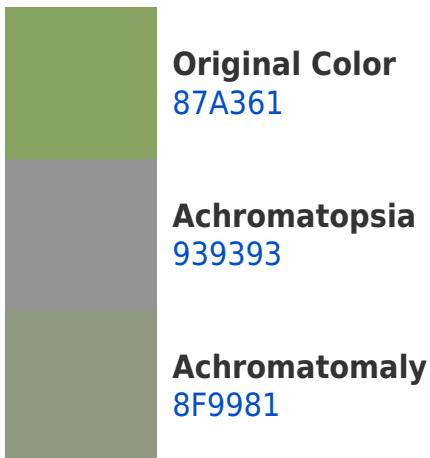


Tritanopia
919BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A361 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 #87A361 looks like.

```
.text, #text, p{  
    color:#87A361  
}
```

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 #87A361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A361
}
```

Border

The CSS property to change the border of an element to Hex 87A361 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
#87A361 }
```

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

```
.border{ border-color:#87A361 }
```

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

Here you see how a box with a 4 pixel #87A361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A361; -webkit-box-shadow:4px 4px  
4px 4px #87A361; box-shadow:4px 4px 4px  
4px #87A361 }
```

Background

The CSS property to change the background color of an element to Hex 87A361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A361 }
```

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

```
.background{ background-color:#87A361 }
```

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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