

Converting Colors

Hex(87A562)

Have a look what the booklet for
Hex(87A562) contains.

Hex(87A562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87A562)

Conversions

Conversions Part 1

Format	Color
Hex	87A562
RGB	135, 165, 98
RGB Percent	53%, 65%, 38%
CMY	0.4706, 0.3529, 0.6157
CMYK	0.18, 0.00, 0.41, 0.35
HSL	87°, 27%, 52%
HSV	87°, 41%, 65%
XYZ	25.6514, 32.9430, 16.5619
YIQ	148.3920, 3.6270, -27.1970

Conversions

Conversions Part 2

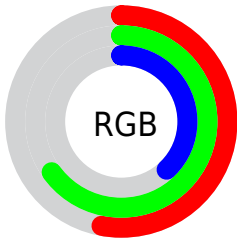
Format	Color
RYB	98, 165, 128
Decimal	8889698
CIELab	64.11, -22.20, 31.37
CIELCh	64, 38.431, 125.294
Yxy	32.9430, 0.3413, 0.4383
Android (android.graphics.Color)	4287079778 (0xFF87A562)
YUV	148.3920, -24.8433, -11.7448
Hunter-Lab	57.3960, -20.6678, 23.0687

Details

The Hex color **87A562** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8062A5**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BDDC96**, and **547132** is the 20% darker color. If you saturate the color by 10%, you get **80A551**, and if you desaturate by 10%, it is **8EA572**.

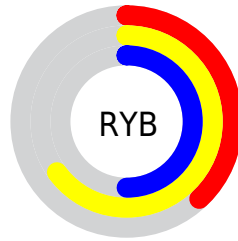
Distribution



Red (53%)

Green (65%)

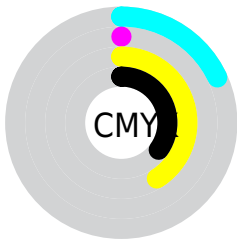
Blue (38%)



Red (38%)

Yellow (65%)

Blue (50%)

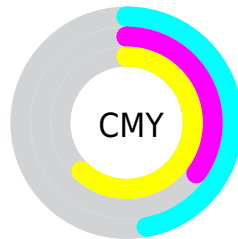


Cyan (18%)

Magenta (0%)

Yellow (41%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A562 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 87A562 by changing the saturation by 10% instead.



87A562



87A562

FFFFFF



6D8B49



BDDC96



547132



D9F9B1



3B581A



F6FFCC



234102



FFFFE9



0C2A00



001700



000000



87A562



87A562



80A551



8EA572

 78A541

 96A583

 71A531

 9DA593

 69A520

 A5A5A4

 62A50F

 ACA5B4

 5BA500

 B3A5C5

 BBA5D5

 C2A5E6

 C9A5F6

Harmonies

Analogous

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



AB9B56



87A562



5CAB7E

Triad

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



87A562



28A7D9



DC8097

Complementary

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



87A562



8062A5

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.



CB85B9



87A562



729DDF

Square

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



87A562



00ACC2



A790D3



DB8576

Rectangle

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



87A562



38AD95



A790D3



D981A2

Sweetspot

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



87A562



CBD6BC



A57F62



646B5C



EBEBEB



6B6B6B

Same Dimension

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



87A562



A7D66D



66A562



4E5249



509100



0A1200

Inverse Universe

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



8062A5



9C6DD6



A162A5



4D4952



410091



080012

Previews

White Background



This preview shows how the Hex color 87A562 looks on a white background.

Color Contrast Check

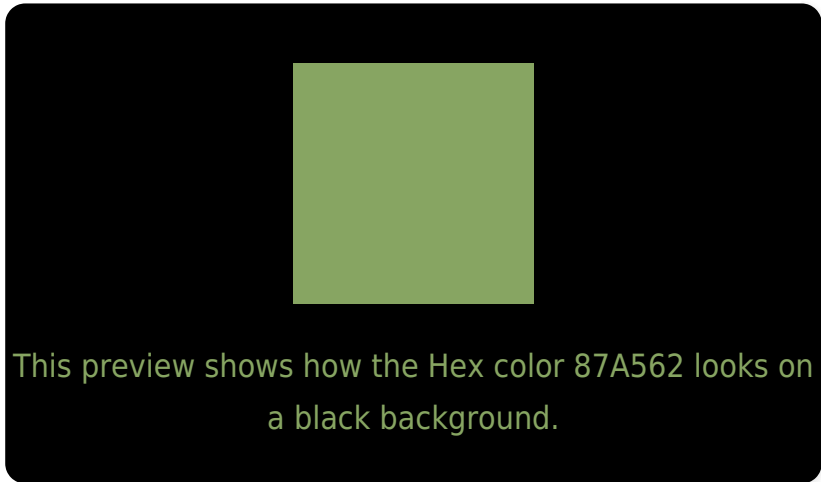
Large Text (above 18pt) WCAG AA × Fail

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

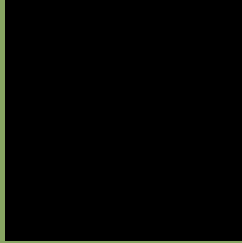
Any Text WCAG AA ✓ Pass

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 87A562 Background



This preview shows how black text looks on a background with the Hex color 87A562.



This preview shows how white text looks on a background with the Hex color 87A562.

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
919DA9

Trichromacy



Original Color
87A562

Protanomaly
9D9F5F

Deuteranomaly
A79A65

Tritanomaly
8DA08F

Monochromacy



Original Color
87A562

Achromatopsia
949494

Achromatomaly
8F9A82

CSS Examples

Text

The CSS property to change the color of the text to Hex 87A562 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 #87A562 looks like.

```
.text, #text, p{  
    color:#87A562  
}
```

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 #87A562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A562
}
```

Border

The CSS property to change the border of an element to Hex 87A562 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
#87A562 }
```

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

```
.border{ border-color:#87A562 }
```

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

Here you see how a box with a 4 pixel #87A562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A562; -webkit-box-shadow:4px 4px  
4px 4px #87A562; box-shadow:4px 4px 4px  
4px #87A562 }
```

Background

The CSS property to change the background color of an element to Hex 87A562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A562 }
```

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

```
.background{ background-color:#87A562 }
```

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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