

Converting Colors

Hex(87A286)

Have a look what the booklet for
Hex(87A286) contains.

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Color

Hex(87A286)

Conversions

Conversions Part 1

Format	Color
Hex	87A286
RGB	135, 162, 134
RGB Percent	53%, 64%, 53%
CMY	0.4706, 0.3647, 0.4745
CMYK	0.17, 0.00, 0.17, 0.36
HSL	118°, 13%, 58%
HSV	118°, 17%, 64%
XYZ	27.2151, 32.7128, 27.4341
YIQ	150.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

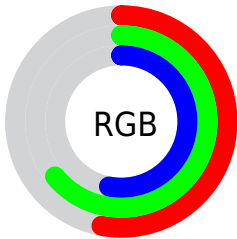
Format	Color
RYB	134, 162, 161
Decimal	8888966
CIELab	63.93, -14.96, 11.49
CIELCh	64, 18.862, 142.486
Yxy	32.7128, 0.3115, 0.3745
Android (android.graphics.Color)	4287079046 (0xFF87A286)
YUV	150.7350, -8.2504, -13.7996
Hunter-Lab	57.1951, -15.1560, 11.5977

Details

The Hex color **87A286** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **A186A2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BDD9BB**, and **556E54** is the 20% darker color. If you saturate the color by 10%, you get **77A276**, and if you desaturate by 10%, it is **97A296**.

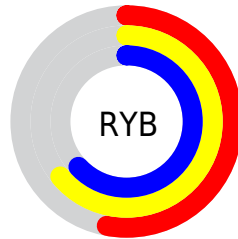
Distribution



Red (53%)

Green (64%)

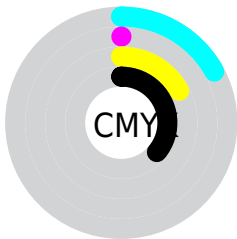
Blue (53%)



Red (53%)

Yellow (64%)

Blue (63%)

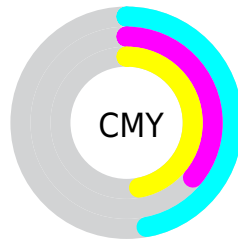


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A286 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 87A286 by changing the saturation by 10% instead.



87A286



87A286

FFFFFF



6D886D



BDD9BB



556E54



D8F5D7



3D563D



F5FFF3



273F27



112813



001500



000000



87A286



87A286



77A276



97A296

 68A266

 A6A2A6

 58A255

 B6A2B7

 49A245

 C5A2C7

 39A235

 D5A2D7

 29A225

 E5A2E7

 1AA215

 F4A2F7

 0AA204

 FFA2FF

 06A200

Harmonies

Analogous

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



9A9E7C



87A286



76A496

Triad

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



87A286



829EBC



BE908F

Complementary

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



87A286



A186A2

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.



BA8FA0



87A286



9898BA

Square

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



87A286



71A2B5



AD93B0



B99381

Rectangle

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



87A286



6FA5A2



AD93B0



BE8F94

Sweetspot

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



87A286



C9D4C9



A2A186



656B65



EBEBEB



6B6B6B

Same Dimension

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



87A286



A9D4A7



86A293



4A5249



059100



011200

Inverse Universe

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



A186A2



D2A7D4



A28695



514952



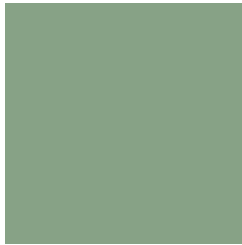
8C0091



110012

Previews

White Background



This preview shows how the Hex color 87A286 looks on a white background.

Color Contrast Check

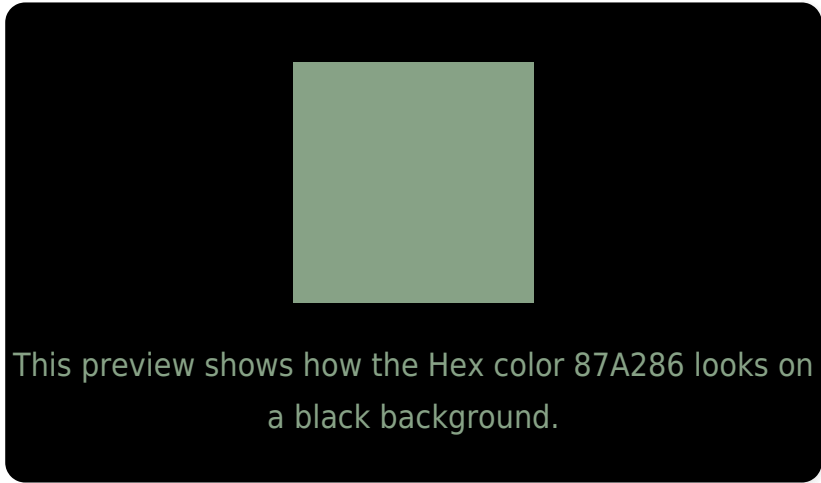
Large Text (above 18pt) WCAG AA × Fail

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

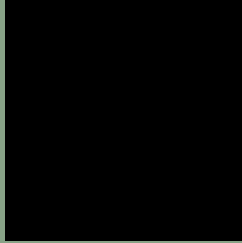
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

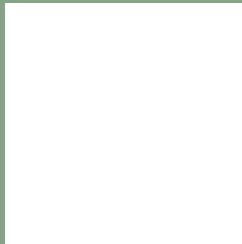
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87A286 Background



This preview shows how black text looks on a background with the Hex color 87A286.

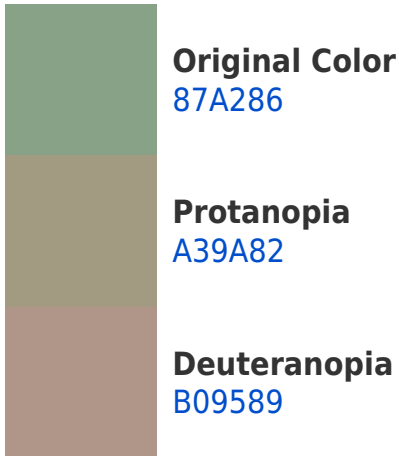


This preview shows how white text looks on a background with the Hex color 87A286.

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
8D9DAA

Trichromacy



Original Color
87A286

Protanomaly
999D83

Deuteranomaly
A19A88

Tritanomaly
8B9F9D

Monochromacy



Original Color
87A286

Achromatopsia
979797

Achromatomaly
919B91

CSS Examples

Text

The CSS property to change the color of the text to Hex 87A286 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 #87A286 looks like.

```
.text, #text, p{  
    color:#87A286  
}
```

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 #87A286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A286  
}
```

Border

The CSS property to change the border of an element to Hex 87A286 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  
#87A286 }
```

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

```
.border{ border-color:#87A286 }
```

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

Here you see how a box with a 4 pixel #87A286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A286; -webkit-box-shadow:4px 4px  
4px 4px #87A286; box-shadow:4px 4px 4px  
4px #87A286 }
```

Background

The CSS property to change the background color of an element to Hex 87A286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A286 }
```

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

```
.background{ background-color:#87A286 }
```

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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