

Converting Colors

Hex(87A1A1)

Have a look what the booklet for
Hex(87A1A1) contains.

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Color

Hex(87A1A1)

Conversions

Conversions Part 1

Format	Color
Hex	87A1A1
RGB	135, 161, 161
RGB Percent	53%, 63%, 63%
CMY	0.4706, 0.3686, 0.3686
CMYK	0.16, 0.00, 0.00, 0.37
HSL	180°, 12%, 58%
HSV	180°, 16%, 63%
XYZ	29.1696, 33.2138, 38.5917
YIQ	153.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

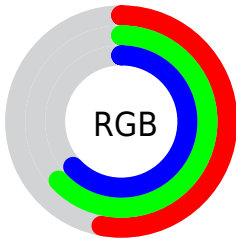
Format	Color
RYB	135, 148, 161
Decimal	8888737
CIELab	64.33, -9.00, -3.03
CIElCh	64, 9.501, 198.611
Yxy	33.2138, 0.2889, 0.3289
Android (android.graphics.Color)	4287078817 (0xFF87A1A1)
YUV	153.2260, 3.8326, -15.9842
Hunter-Lab	57.6315, -10.5091, 0.6397

Details

The Hex color **87A1A1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A18787**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BDD8D8**, and **556D6E** is the 20% darker color. If you saturate the color by 10%, you get **77A1A1**, and if you desaturate by 10%, it is **97A1A1**.

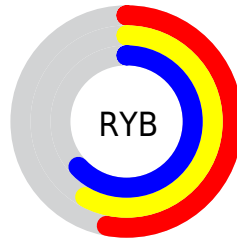
Distribution



Red (53%)

Green (63%)

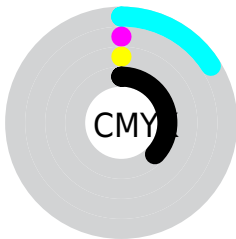
Blue (63%)



Red (53%)

Yellow (58%)

Blue (63%)

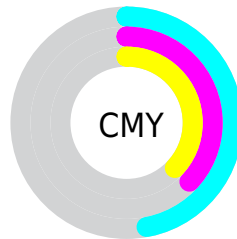


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A1A1 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 87A1A1 by changing the saturation by 10% instead.



87A1A1



87A1A1

FFFFFF



6D8787



BDD8D8



556D6E



D8F4F4



3D5555



F5FFFF



263E3E



112828



001414



000000



87A1A1



87A1A1



77A1A1



97A1A1

67A1A1

A7A1A1

57A1A1

B7A1A1

47A1A1

C7A1A1

37A1A1

D7A1A1

26A1A1

E8A1A1

16A1A1

F8A1A1

06A1A1

FFA1A1

00A1A1

Harmonies

Analogous

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



8BA198



87A1A1



88A0A8

Triad

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



87A1A1



A498A7



A69A8C

Complementary

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



87A1A1



A18787

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.



AD9890



87A1A1



AB97A0

Square

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



87A1A1



9A9BAC



AE9697



9D9D8C

Rectangle

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



87A1A1



8D9FAB



AE9697



A9998C

Sweetspot

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



87A1A1



C7D1D1



87A187



626969



E8E8E8



696969

Same Dimension

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



87A1A1



A9D1D1



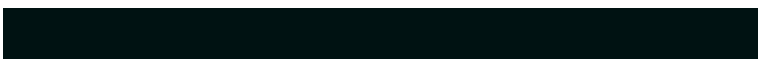
8794A1



495252



009191



001212

Inverse Universe

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



A187A1



D1A9D1



A19487



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 87A1A1 looks on a white background.

Color Contrast Check

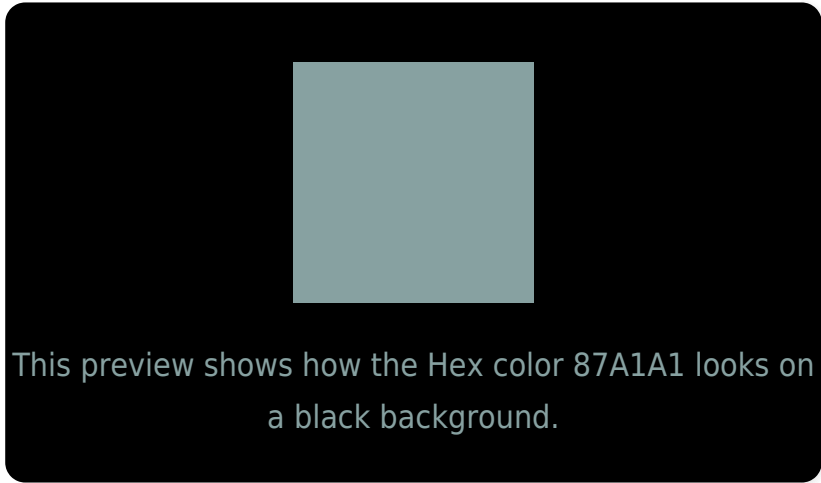
Large Text (above 18pt) WCAG AA × Fail

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

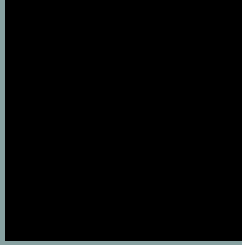
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

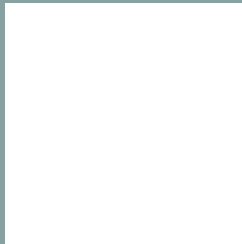
Any Text WCAG AAA ✓ Pass

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

Hex 87A1A1 Background



This preview shows how black text looks on a background with the Hex color 87A1A1.

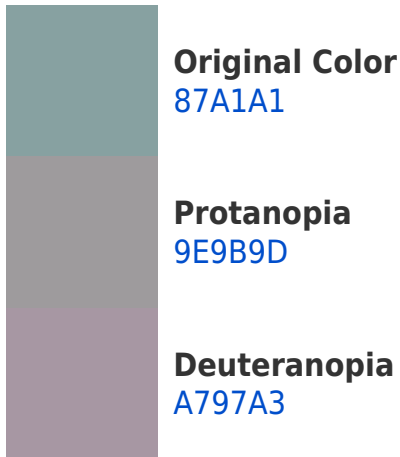


This preview shows how white text looks on a background with the Hex color 87A1A1.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A1A1 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 #87A1A1 looks like.

```
.text, #text, p{  
    color:#87A1A1  
}
```

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 #87A1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A1A1
}
```

Border

The CSS property to change the border of an element to Hex 87A1A1 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
#87A1A1 }
```

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

```
.border{ border-color:#87A1A1 }
```

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

Here you see how a box with a 4 pixel #87A1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A1A1; -webkit-box-shadow:4px 4px  
4px 4px #87A1A1; box-shadow:4px 4px 4px  
4px #87A1A1 }
```

Background

The CSS property to change the background color of an element to Hex 87A1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A1A1 }
```

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

```
.background{ background-color:#87A1A1 }
```

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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