

Converting Colors

Hex(87A093)

Have a look what the booklet for
Hex(87A093) contains.

Hex(87A093)	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(87A093)

Conversions

Conversions Part 1

Format	Color
Hex	87A093
RGB	135, 160, 147
RGB Percent	53%, 63%, 58%
CMY	0.4706, 0.3725, 0.4235
CMYK	0.16, 0.00, 0.08, 0.37
HSL	149°, 12%, 58%
HSV	149°, 16%, 63%
XYZ	27.8289, 32.3991, 32.3907
YIQ	151.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

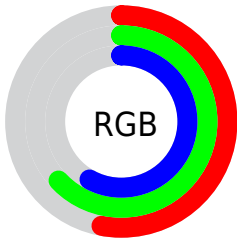
Format	Color
RYB	135, 152, 160
Decimal	8888467
CIELab	63.67, -11.40, 3.85
CIELCh	64, 12.031, 161.319
Yxy	32.3991, 0.3005, 0.3498
Android (android.graphics.Color)	4287078547 (0xFF87A093)
YUV	151.0430, -1.9932, -14.0697
Hunter-Lab	56.9202, -12.3397, 6.1049

Details

The Hex color **87A093** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A08794**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCD7C9**, and **556C60** is the 20% darker color. If you saturate the color by 10%, you get **77A08B**, and if you desaturate by 10%, it is **97A09B**.

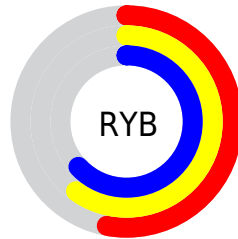
Distribution



Red (53%)

Green (63%)

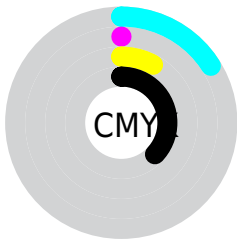
Blue (58%)



Red (53%)

Yellow (60%)

Blue (63%)

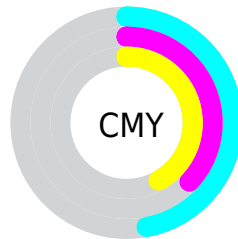


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A093 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 87A093 by changing the saturation by 10% instead.



87A093



87A093

FFFFFF



6E8679



BCD7C9



556C60



D8F3E5



3D5449



F5FFFF



273D32



12271D



001303



000000



87A093



87A093



77A08B



97A09B

 67A082

 A7A0A4

 57A07A

 B7A0AC

 47A072

 C7A0B4

 37A069

 D7A0BD

 27A061

 E7A0C5

 17A059

 F7A0CD

 07A050

 FFA0D6

 00A04D

 FFA0DE

Harmonies

Analogous

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



929E8A



87A093



80A19E

Triad

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



87A093



949AAF



B0948D

Complementary

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



87A093



A08794

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.



B19396



87A093



A196AA

Square

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



87A093



879DAE



AC94A1



A99786

Rectangle

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



87A093



7FA0A5



AC94A1



B19490

Sweetspot

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



87A093



C7D1CC



94A087



626965



E8E8E8



696969

Same Dimension

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



87A093



A9D1BC



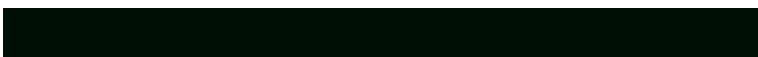
87A09F



474F4B



008F45



000F07

Inverse Universe

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



A08794



D1A9BE



A08788



4F474B



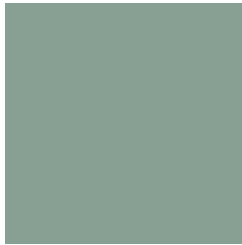
8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 87A093 looks on a white background.

Color Contrast Check

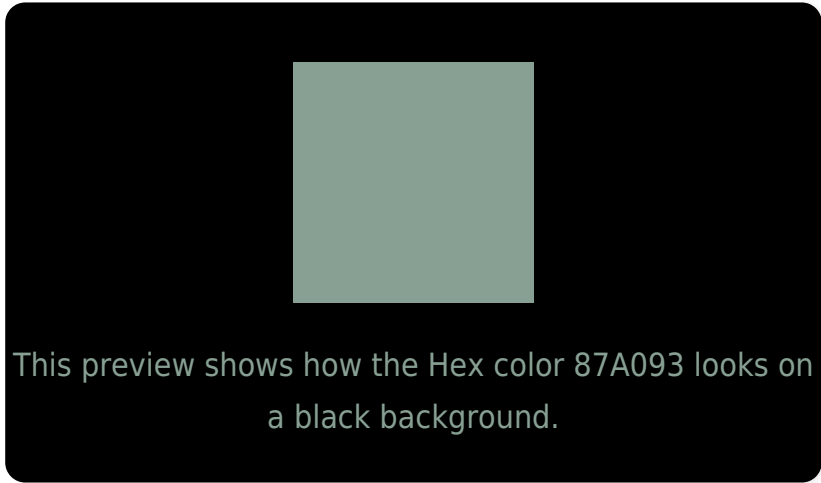
Large Text (above 18pt) WCAG AA × Fail

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

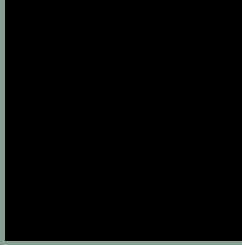
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

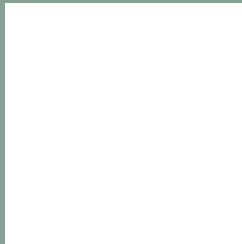
Any Text WCAG AAA ✓ Pass

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

Hex 87A093 Background



This preview shows how black text looks on a background with the Hex color 87A093.

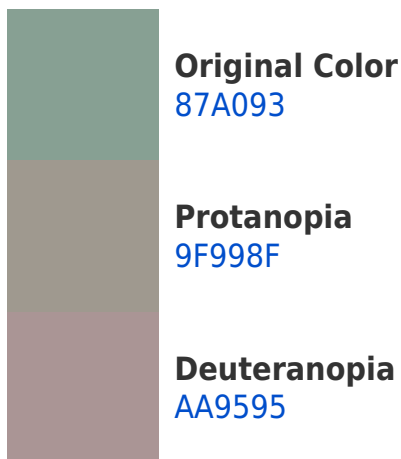


This preview shows how white text looks on a background with the Hex color 87A093.

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
8B9DA9

Trichromacy



Original Color
87A093

Protanomaly
969C90

Deuteranomaly
9D9994

Tritanomaly
8A9EA1

Monochromacy



Original Color
87A093

Achromatopsia
979797

Achromatomaly
919A96

CSS Examples

Text

The CSS property to change the color of the text to Hex 87A093 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 #87A093 looks like.

```
.text, #text, p{  
    color:#87A093  
}
```

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 #87A093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A093
}
```

Border

The CSS property to change the border of an element to Hex 87A093 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
#87A093 }
```

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

```
.border{ border-color:#87A093 }
```

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

Here you see how a box with a 4 pixel #87A093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A093; -webkit-box-shadow:4px 4px  
4px 4px #87A093; box-shadow:4px 4px 4px  
4px #87A093 }
```

Background

The CSS property to change the background color of an element to Hex 87A093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A093 }
```

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

```
.background{ background-color:#87A093 }
```

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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