

Converting Colors

Hex(87A190)

Have a look what the booklet for
Hex(87A190) contains.

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Color

Hex(87A190)

Conversions

Conversions Part 1

Format	Color
Hex	87A190
RGB	135, 161, 144
RGB Percent	53%, 63%, 56%
CMY	0.4706, 0.3686, 0.4353
CMYK	0.16, 0.00, 0.11, 0.37
HSL	141°, 12%, 58%
HSV	141°, 16%, 63%
XYZ	27.7706, 32.6543, 31.2248
YIQ	151.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

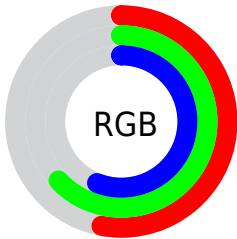
Format	Color
RYB	135, 154, 161
Decimal	8888720
CIELab	63.88, -12.53, 5.83
CIELCh	64, 13.821, 155.028
Yxy	32.6543, 0.3030, 0.3563
Android (android.graphics.Color)	4287078800 (0xFF87A190)
YUV	151.2880, -3.5930, -14.2846
Hunter-Lab	57.1439, -13.2550, 7.6033

Details

The Hex color **87A190** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A18798**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCD8C6**, and **556D5E** is the 20% darker color. If you saturate the color by 10%, you get **77A185**, and if you desaturate by 10%, it is **97A19B**.

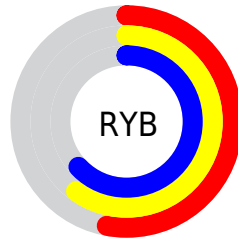
Distribution



Red (53%)

Green (63%)

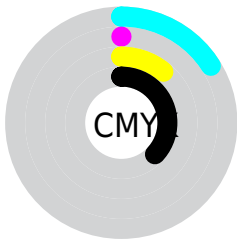
Blue (56%)



Red (53%)

Yellow (60%)

Blue (63%)

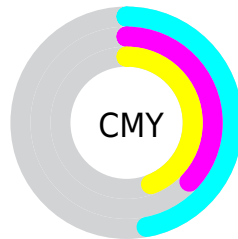


Cyan (16%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A190 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 87A190 by changing the saturation by 10% instead.



87A190



87A190

FFFFFF



6E8776



BCD8C6



556D5E



D8F4E2



3D5546



F5FFFE



273E30



12281B



001400



000000



87A190



87A190



77A185



97A19B

 67A17B

 A7A1A5

 57A170

 B7A1B0

 47A166

 C7A1BA

 37A15B

 D7A1C5

 26A151

 E8A1CF

 16A146

 F8A1DA

 06A13C

 FFA1E4

 00A138

 FFA1EF

Harmonies

Analogous

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



959E86



87A190



7DA29C

Triad

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



87A190



909BB3



B4938D

Complementary

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



87A190



A18798

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.



B49299



87A190



A097AF

Square

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



87A190



829FB1



AD94A5



AE9785

Rectangle

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



87A190



7BA2A5



AD94A5



B59391

Sweetspot

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



87A190



C7D1CA



98A187



626964



E8E8E8



696969

Same Dimension

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



87A190



A9D1B7



87A19D



49524C



009132



001206

Inverse Universe

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



A18798



D1A9C3



A1878B



52494F



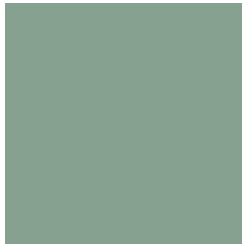
91005F



12000C

Previews

White Background



This preview shows how the Hex color 87A190 looks on a white background.

Color Contrast Check

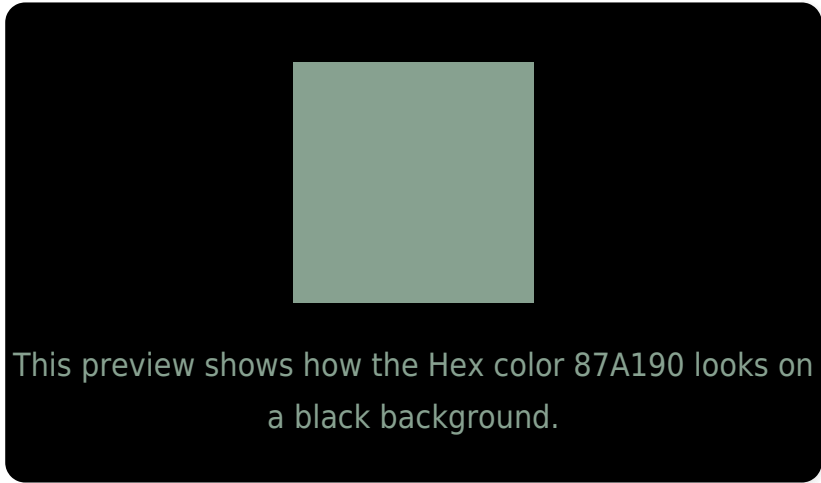
Large Text (above 18pt) WCAG AA × Fail

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

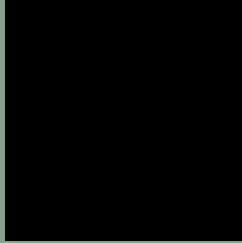
Any Text WCAG AA ✓ Pass

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 87A190 Background



This preview shows how black text looks on a background with the Hex color 87A190.

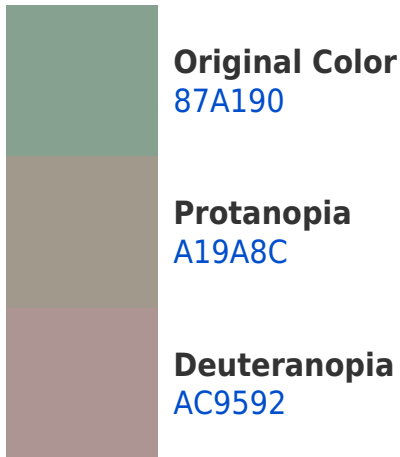


This preview shows how white text looks on a background with the Hex color 87A190.

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](#).

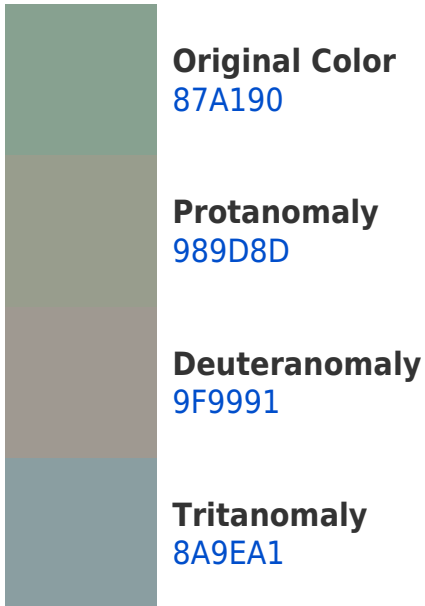
Dichromacy



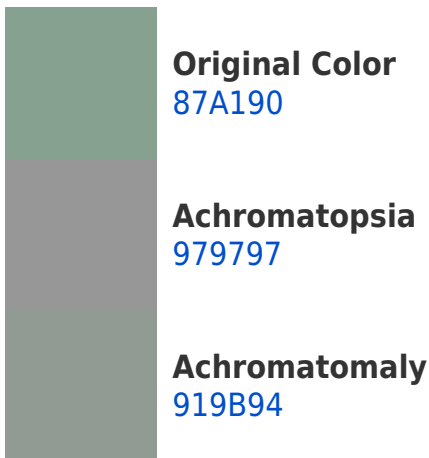


Tritanopia
8B9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A190 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 #87A190 looks like.

```
.text, #text, p{  
    color:#87A190  
}
```

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 #87A190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A190
}
```

Border

The CSS property to change the border of an element to Hex 87A190 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
#87A190 }
```

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

```
.border{ border-color:#87A190 }
```

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

Here you see how a box with a 4 pixel #87A190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A190; -webkit-box-shadow:4px 4px  
4px 4px #87A190; box-shadow:4px 4px 4px  
4px #87A190 }
```

Background

The CSS property to change the background color of an element to Hex 87A190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A190 }
```

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

```
.background{ background-color:#87A190 }
```

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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