

Converting Colors

Hex(86A793)

Have a look what the booklet for
Hex(86A793) contains.

Hex(86A793)	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(86A793)

Conversions

Conversions Part 1

Format	Color
Hex	86A793
RGB	134, 167, 147
RGB Percent	53%, 65%, 58%
CMY	0.4745, 0.3451, 0.4235
CMYK	0.20, 0.00, 0.12, 0.35
HSL	144°, 16%, 59%
HSV	144°, 20%, 65%
XYZ	28.9167, 34.8123, 32.7991
YIQ	154.8530, -13.2480, -13.2160

Conversions

Conversions Part 2

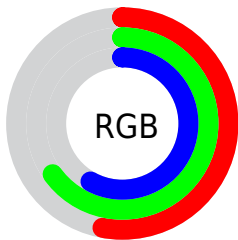
Format	Color
RYB	134, 158, 167
Decimal	8824723
CIELab	65.60, -15.45, 6.62
CIELCh	66, 16.810, 156.793
Yxy	34.8123, 0.2996, 0.3606
Android (android.graphics.Color)	4287014803 (0xFF86A793)
YUV	154.8530, -3.8715, -18.2881
Hunter-Lab	59.0020, -15.7712, 8.3421

Details

The Hex color **86A793** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A7869A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BCDEC9**, and **547360** is the 20% darker color. If you saturate the color by 10%, you get **75A789**, and if you desaturate by 10%, it is **97A79D**.

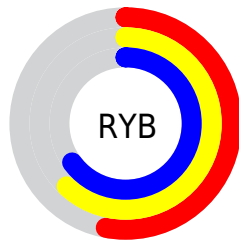
Distribution



Red (53%)

Green (65%)

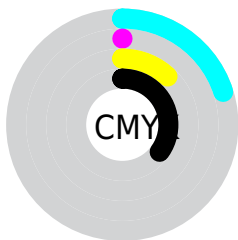
Blue (58%)



Red (53%)

Yellow (62%)

Blue (65%)

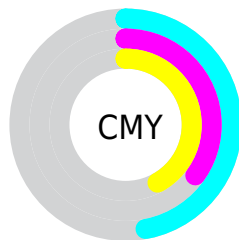


Cyan (20%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A793 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 86A793 by changing the saturation by 10% instead.



86A793



86A793

FFFFFF



6C8D79



BCDEC9



547360



D7FBE5



3C5A49



F4FFFF



254332



0F2C1D



001904



000000



86A793



86A793



75A789



97A79D

 65A77F

 A7A7A7

 54A775

 B8A7B1

 43A76B

 C9A7BB

 32A760

 D9A7C6

 22A756

 EAA7D0

 11A74C

 FBA7DA

 00A742

 FFA7E4

 FFA7EE

Harmonies

Analogous

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



97A487



86A793



7AA8A2

Triad

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



86A793



939FBD



BE968E

Complementary

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



86A793



A7869A

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.



BE959C



86A793



A69AB7

Square

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



86A793



81A4BB



B696AC



B69A84

Rectangle

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



86A793



77A8AC



B696AC



BF9692

Sweetspot

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



86A793



CCD9D1



9AA786



666E69



EDEDED



6E6E6E

Same Dimension

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



86A793



A5D9B9



86A7A3



4C544F



00943A



001408

Inverse Universe

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



A7869A



D9A5C4



A7868A



544C51



94005A



14000C

Previews

White Background



This preview shows how the Hex color 86A793 looks on a white background.

Color Contrast Check

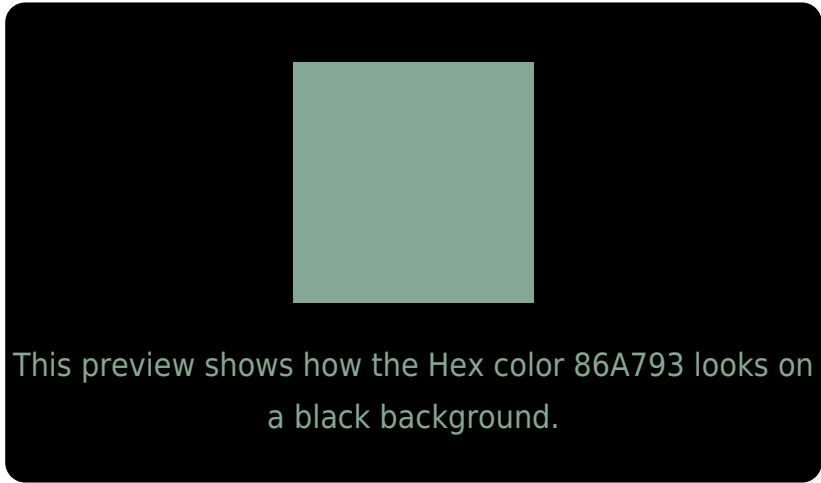
Large Text (above 18pt) WCAG AA × Fail

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

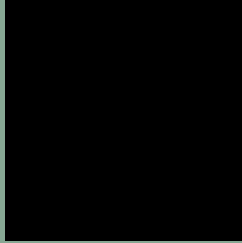
Any Text WCAG AA ✓ Pass

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 86A793 Background



This preview shows how black text looks on a background with the Hex color 86A793.



This preview shows how white text looks on a background with the Hex color 86A793.

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
8BA3B0

Trichromacy



Original Color
86A793

Protanomaly
9AA190

Deuteranomaly
A29E95

Tritanomaly
89A4A5

Monochromacy



Original Color
86A793

Achromatopsia
9B9B9B

Achromatomaly
939F98

CSS Examples

Text

The CSS property to change the color of the text to Hex 86A793 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 #86A793 looks like.

```
.text, #text, p{  
    color:#86A793  
}
```

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 #86A793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A793
}
```

Border

The CSS property to change the border of an element to Hex 86A793 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
#86A793 }
```

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

```
.border{ border-color:#86A793 }
```

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

Here you see how a box with a 4 pixel #86A793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A793; -webkit-box-shadow:4px 4px  
4px 4px #86A793; box-shadow:4px 4px 4px  
4px #86A793 }
```

Background

The CSS property to change the background color of an element to Hex 86A793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A793 }
```

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

```
.background{ background-color:#86A793 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor