

Converting Colors

Hex(86BD93)

Have a look what the booklet for
Hex(86BD93) contains.

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Color

Hex(86BD93)

Conversions

Conversions Part 1	
Format	Color
Hex	86BD93
RGB	134, 189, 147
RGB Percent	53%, 74%, 58%
CMY	0.4745, 0.2588, 0.4235
CMYK	0.29, 0.00, 0.22, 0.26
HSL	134°, 29%, 63%
HSV	134°, 29%, 74%
XYZ	33.2956, 43.5701, 34.2588
YIQ	167.7670, -19.2980, -24.7220

Conversions

Conversions Part 2

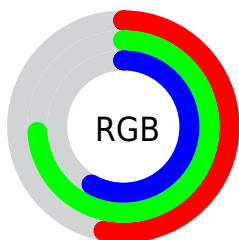
Format	Color
RYB	134, 178, 189
Decimal	8830355
CIELab	71.94, -26.58, 15.59
CIELCh	72, 30.820, 149.610
Yxy	43.5701, 0.2996, 0.3921
Android (android.graphics.Color)	4287020435 (0xFF86BD93)
YUV	167.7670, -10.2381, -29.6137
Hunter-Lab	66.0077, -25.4745, 15.4331

Details

The Hex color **86BD93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD86B0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BCF6C9**, and **528760** is the 20% darker color. If you saturate the color by 10%, you get **73BD85**, and if you desaturate by 10%, it is **99BDA1**.

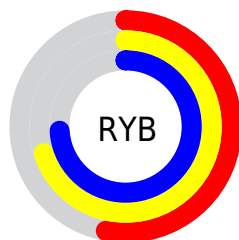
Distribution



Red (53%)

Green (74%)

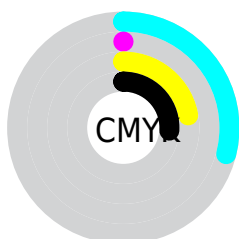
Blue (58%)



Red (53%)

Yellow (70%)

Blue (74%)

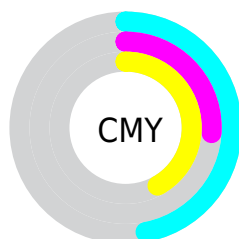


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86BD93 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 86BD93 by changing the saturation by 10% instead.

 86BD93

FFFFFF

 BCF6C9

 D9FFE5

 F5FFFF

 86BD93

 6CA279

 528760

 3A6E48

 215532

 043D1C

 002704

 000D00

 000000

 86BD93

 86BD93

 73BD85

 99BDA1

 60BD76

 ACBDB0

 4DBD68

 BFBDBE

 3ABD59

 D2BD CD

 27BD4B

 E5BD DB

 15BD3C

 F7BDEA

 02BD2E

 FFBDF8

 00BD2D

 FFBDF F

Harmonies

Analogous

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



A7B77F



86BD93



67C0AF

Triad

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



86BD93



8BB3E8



E89D96

Complementary

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



86BD93



BD86B0

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.



E69BB2



86BD93



B4A9E1

Square

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



86BD93



65BBE0



D4A0CD



DCA581

Rectangle

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



86BD93



58C0C2



D4A0CD



E99C9F

Sweetspot

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



86BD93



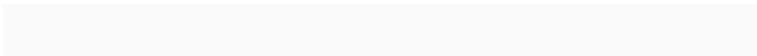
DFF5E4



B0BD86



6D7A70



FAFAFA



7A7A7A

Same Dimension

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



86BD93



9FF5B3



86BDAE



555E57



009E25



001F07

Inverse Universe

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



BD86B0



F59FE1



BD8695



5E555C



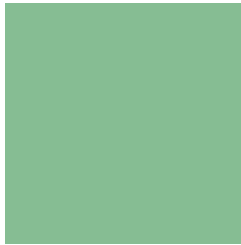
9E0079



1F0017

Previews

White Background



This preview shows how the Hex color 86BD93 looks on a white background.

Color Contrast Check

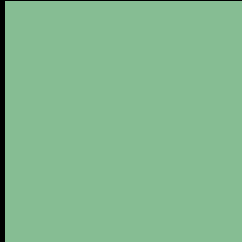
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 86BD93 looks on a 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 86BD93 Background



This preview shows how black text looks on a background with the Hex color 86BD93.



This preview shows how white text looks on a background with the Hex color 86BD93.

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



Original Color

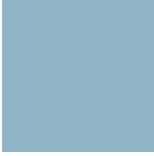
86BD93

Protanopia

BBAF8C


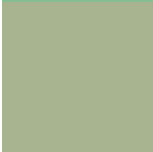

Deuteranopia

C9A997


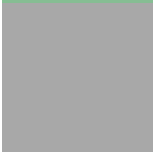



Tritanopia
90B6C5

Trichromacy

	Original Color 86BD93
	Protanomaly A8B48F
	Deuteranomaly B1B096
	Tritanomaly 8CB9B3

Monochromacy

	Original Color 86BD93
	Achromatopsia A8A8A8
	Achromatomaly 9CB0A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 86BD93 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 #86BD93 looks like.

```
.text, #text, p{  
    color:#86BD93  
}
```

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 #86BD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BD93
}
```

Border

The CSS property to change the border of an element to Hex 86BD93 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
#86BD93 }
```

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

```
.border{ border-color:#86BD93 }
```

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

Here you see how a box with a 4 pixel #86BD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BD93; -webkit-box-shadow:4px 4px  
4px 4px #86BD93; box-shadow:4px 4px 4px  
4px #86BD93 }
```

Background

The CSS property to change the background color of an element to Hex 86BD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BD93 }
```

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

```
.background{ background-color:#86BD93 }
```

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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