

Converting Colors

Hex(87D193)

Have a look what the booklet for
Hex(87D193) contains.

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Color

Hex(87D193)

Conversions

Conversions Part 1

Format	Color
Hex	87D193
RGB	135, 209, 147
RGB Percent	53%, 82%, 58%
CMY	0.4706, 0.1804, 0.4235
CMYK	0.35, 0.00, 0.30, 0.18
HSL	130°, 45%, 67%
HSV	130°, 35%, 82%
XYZ	38.0586, 52.8584, 35.8006
YIQ	179.8060, -24.2020, -34.9700

Conversions

Conversions Part 2

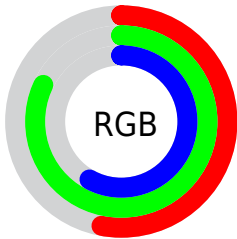
Format	Color
RYB	135, 199, 209
Decimal	8901011
CIELab	77.79, -35.74, 23.67
CIELCh	78, 42.868, 146.487
Yxy	52.8584, 0.3003, 0.4171
Android (android.graphics.Color)	4287091091 (0xFF87D193)
YUV	179.8060, -16.1734, -39.2949
Hunter-Lab	72.7038, -33.7914, 21.6973

Details

The Hex color **87D193** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D187C5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BEFFC9**, and **529A60** is the 20% darker color. If you saturate the color by 10%, you get **72D181**, and if you desaturate by 10%, it is **9CD1A5**.

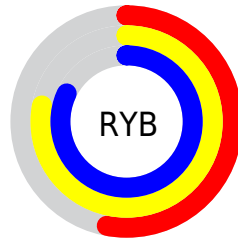
Distribution



Red (53%)

Green (82%)

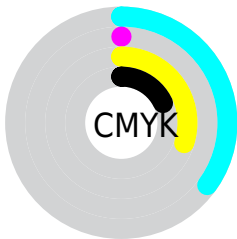
Blue (58%)



Red (53%)

Yellow (78%)

Blue (82%)

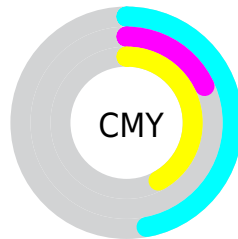


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D193 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 87D193 by changing the saturation by 10% instead.

 87D193

 87D193

FFFFFF

 6CB579

 BEFFC9

 529A60

 DBFFE6

 378048

 F8FFFF

 1A6631

 004E1A

 003602

 002200

 000000

 87D193

 87D193

 72D181

 9CD1A5

 5DD170

 B1D1B6

 48D15E

 C6D1C8

 33D14D

 DBD1D9

 1FD13B

 F0D1EB

 0AD12A

 FFD1FC

 00D122

 FFD1FF

Harmonies

Analogous

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



B6C978



87D193



4FD5BA

Triad

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



87D193



7DC6FF



FFA49F

Complementary

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



87D193



D187C5

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.



FFA1C7



87D193



BEB8FF

Square

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



87D193



2AD0FF



EEAAED



FDAE7F

Rectangle

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



87D193



1BD5D5



E6AAED



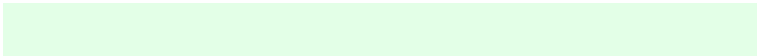
FFA2AC

Sweetspot

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



87D193



E3FFE7



C6D187



6F8072



000000



808080

Same Dimension

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



87D193



94FFA5



87D1B7



5E6960



00A81B



002907

Inverse Universe

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



D187C5



FF94EE



D187A1



695E67



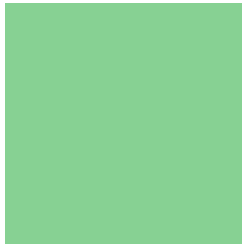
A8008D



290022

Previews

White Background



This preview shows how the Hex color 87D193 looks on a white background.

Color Contrast Check

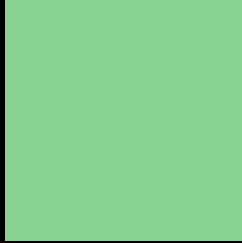
Large Text (above 18pt) WCAG AA × Fail

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 87D193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

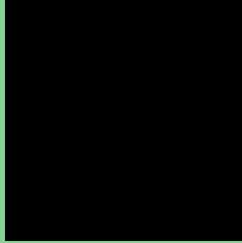
Any Text WCAG AA ✓ Pass

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 87D193 Background



This preview shows how black text looks on a background with the Hex color 87D193.

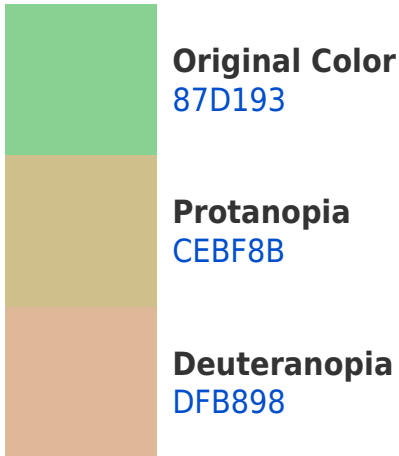


This preview shows how white text looks on a background with the Hex color 87D193.

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](#).

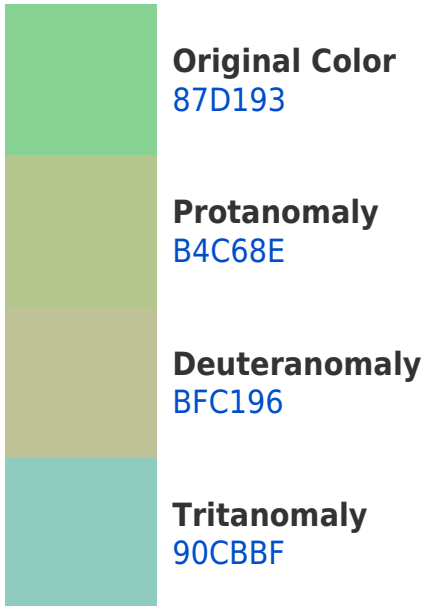
Dichromacy



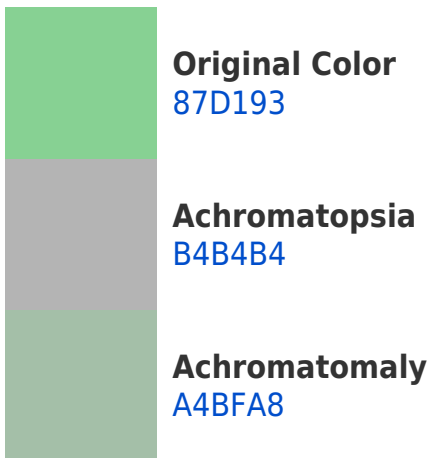


Tritanopia
95C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87D193 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 #87D193 looks like.

```
.text, #text, p{  
    color:#87D193  
}
```

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 #87D193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D193
}
```

Border

The CSS property to change the border of an element to Hex 87D193 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
#87D193 }
```

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

```
.border{ border-color:#87D193 }
```

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

Here you see how a box with a 4 pixel #87D193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D193; -webkit-box-shadow:4px 4px  
4px 4px #87D193; box-shadow:4px 4px 4px  
4px #87D193 }
```

Background

The CSS property to change the background color of an element to Hex 87D193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D193 }
```

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

```
.background{ background-color:#87D193 }
```

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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