

Converting Colors

Hex(87B573)

Have a look what the booklet for
Hex(87B573) contains.

Hex(87B573)	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(87B573)

Conversions

Conversions Part 1

Format	Color
Hex	87B573
RGB	135, 181, 115
RGB Percent	53%, 71%, 45%
CMY	0.4706, 0.2902, 0.5490
CMYK	0.25, 0.00, 0.36, 0.29
HSL	102°, 31%, 58%
HSV	102°, 36%, 71%
XYZ	29.6101, 39.4364, 22.2710
YIQ	159.7220, -6.2300, -30.2780

Conversions

Conversions Part 2

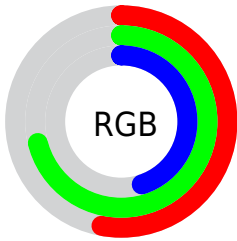
Format	Color
RYB	115, 181, 161
Decimal	8893811
CIELab	69.07, -27.71, 28.83
CIElCh	69, 39.988, 133.872
Yxy	39.4364, 0.3243, 0.4319
Android (android.graphics.Color)	4287083891 (0xFF87B573)
YUV	159.7220, -22.0479, -21.6812
Hunter-Lab	62.7984, -25.7328, 22.9321

Details

The Hex color **87B573** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A173B5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BDEDA8**, and **538042** is the 20% darker color. If you saturate the color by 10%, you get **7AB561**, and if you desaturate by 10%, it is **94B585**.

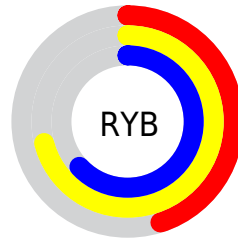
Distribution



Red (53%)

Green (71%)

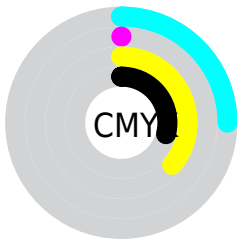
Blue (45%)



Red (45%)

Yellow (71%)

Blue (63%)

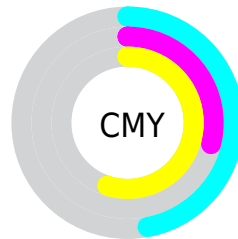


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B573 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 87B573 by changing the saturation by 10% instead.

 87B573

 87B573

FFFFFF

 6D9A5A

 BDEDA8

 538042

 DAFFC3

 3A672B

 F7FFDF

 224E14

 FFFFFC

 083700

 002200

 000000

 87B573

 87B573

 7AB561

 94B585

 6EB54F

 A0B597

 61B53D

 ADB5A9

 55B52B

 B9B5BB

 48B519

 C6B5CE

 3BB506

 D3B5E0

 37B500

 DFB5F2

 ECB5FF

 F9B5FF

Harmonies

Analogous

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



AFAC61



87B573



57BA93

Triad

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



87B573



4BB2ED



EF8C99

Complementary

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



87B573



A173B5

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.



E38EBE



87B573



8FA6EF

Square

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



87B573



00B9DA



C299DD



E89378

Rectangle

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



87B573



2EBCAC



C299DD



ED8CA5

Sweetspot

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



87B573



D9EBD1



B5A073



6B7566



F5F5F5



757575

Same Dimension

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



87B573



A3EB83



73B57F



535950



2E9900



081A00

Inverse Universe

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



A173B5



CB83EB



B573A9



575059



6B0099



12001A

Previews

White Background



This preview shows how the Hex color 87B573 looks on a white background.

Color Contrast Check

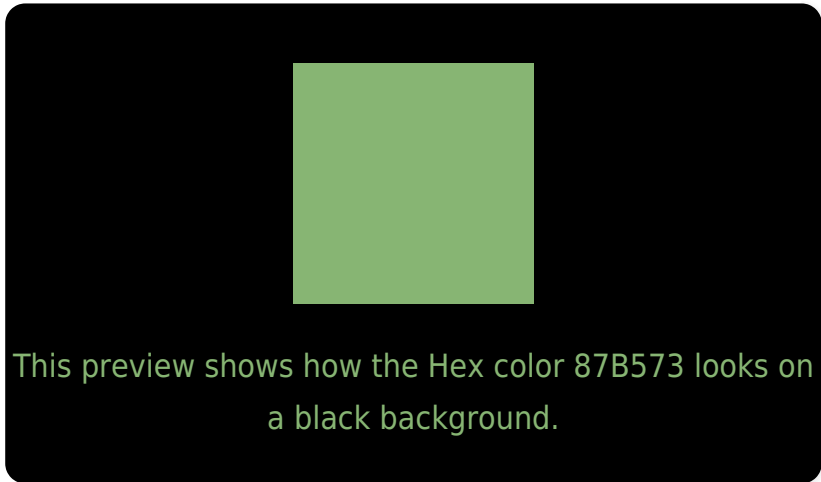
Large Text (above 18pt) WCAG AA × Fail

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

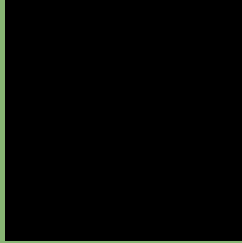
Any Text WCAG AA ✓ Pass

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 87B573 Background



This preview shows how black text looks on a background with the Hex color 87B573.

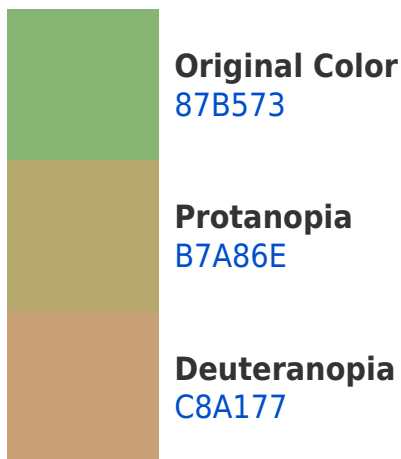


This preview shows how white text looks on a background with the Hex color 87B573.

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](#).

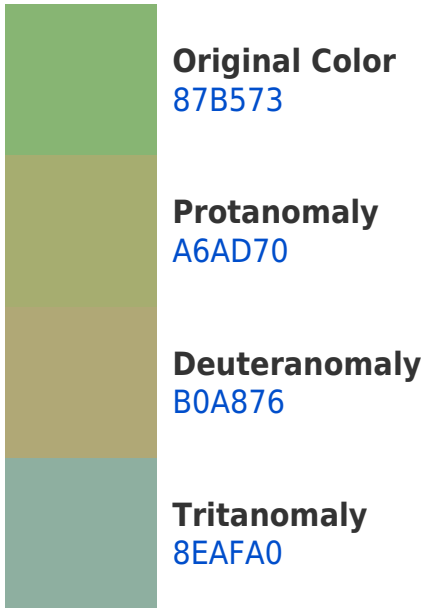
Dichromacy



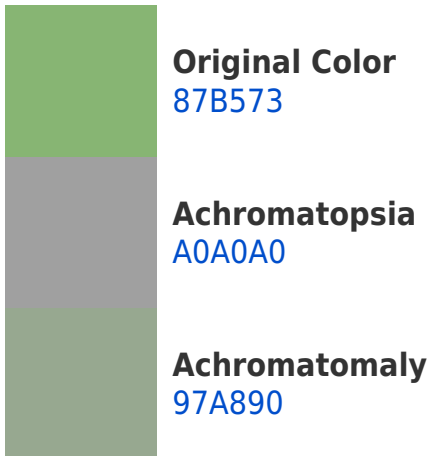


Tritanopia
92ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B573 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 #87B573 looks like.

```
.text, #text, p{  
    color:#87B573  
}
```

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 #87B573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B573
}
```

Border

The CSS property to change the border of an element to Hex 87B573 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
#87B573 }
```

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

```
.border{ border-color:#87B573 }
```

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

Here you see how a box with a 4 pixel #87B573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B573; -webkit-box-shadow:4px 4px  
4px 4px #87B573; box-shadow:4px 4px 4px  
4px #87B573 }
```

Background

The CSS property to change the background color of an element to Hex 87B573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B573 }
```

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

```
.background{ background-color:#87B573 }
```

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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