

Converting Colors

Hex(87C581)

Have a look what the booklet for
Hex(87C581) contains.

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Color

Hex(87C581)

Conversions

Conversions Part 1

Format	Color
Hex	87C581
RGB	135, 197, 129
RGB Percent	53%, 77%, 51%
CMY	0.4706, 0.2275, 0.4941
CMYK	0.31, 0.00, 0.35, 0.23
HSL	115°, 37%, 64%
HSV	115°, 35%, 77%
XYZ	33.9204, 46.6684, 27.9890
YIQ	170.7100, -15.1240, -34.2920

Conversions

Conversions Part 2

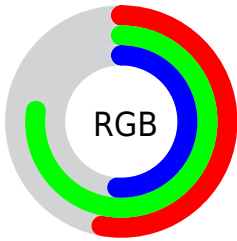
Format	Color
RYB	129, 197, 191
Decimal	8897921
CIELab	73.98, -33.17, 27.97
CIELCh	74, 43.389, 139.868
Yxy	46.6684, 0.3124, 0.4298
Android (android.graphics.Color)	4287088001 (0xFF87C581)
YUV	170.7100, -20.5630, -31.3177
Hunter-Lab	68.3143, -30.9186, 23.5283

Details

The Hex color **87C581** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF81C5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BEFEB6**, and **528F4F** is the 20% darker color. If you saturate the color by 10%, you get **75C56D**, and if you desaturate by 10%, it is **99C595**.

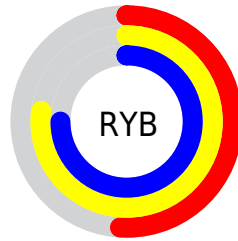
Distribution



Red (53%)

Green (77%)

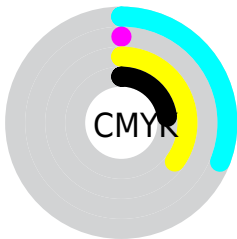
Blue (51%)



Red (51%)

Yellow (77%)

Blue (75%)

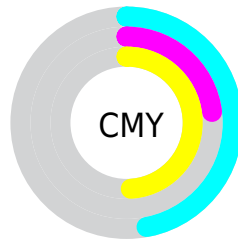


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (23%)



Cyan (47%)

Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C581 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 87C581 by changing the saturation by 10% instead.

 87C581

 87C581

FFFFFF

 6CAA68


 BEFEB6

 528F4F

 DAFFD2

 397537

 F7FFE7

 1E5C20

 004409

 002D00

 001600

 000000

 87C581

 87C581

 75C56D

 99C595

 63C55A

 ABC5A8

 51C546

 BDC5BC

 3FC532

 CFC5D0

 2DC51E

 E1C5E4

 1BC50B

 F3C5F7

 11C500

 FFC5FF

Harmonies

Analogous

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



B5BC69



87C581



4FCAA6

Triad

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



87C581



5EBEFF



FF979D

Complementary

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



87C581



BF81C5

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.



FA98C5



87C581



A6B1FF

Square

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



87C581



00C7F2



DBA2EA



F7A17A

Rectangle

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



87C581



0CCBC2



DBA2EA



FF96AA

Sweetspot

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



87C581



E8FFE6



C5BE81



728070



000000



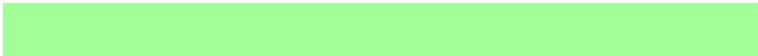
808080

Same Dimension

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



87C581



A0FF96



81C59C



5A635A



0EA300



032400

Inverse Universe

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



BF81C5



F696FF



C581AA



635A63



9500A3



210024

Previews

White Background



This preview shows how the Hex color 87C581 looks on a white background.

Color Contrast Check

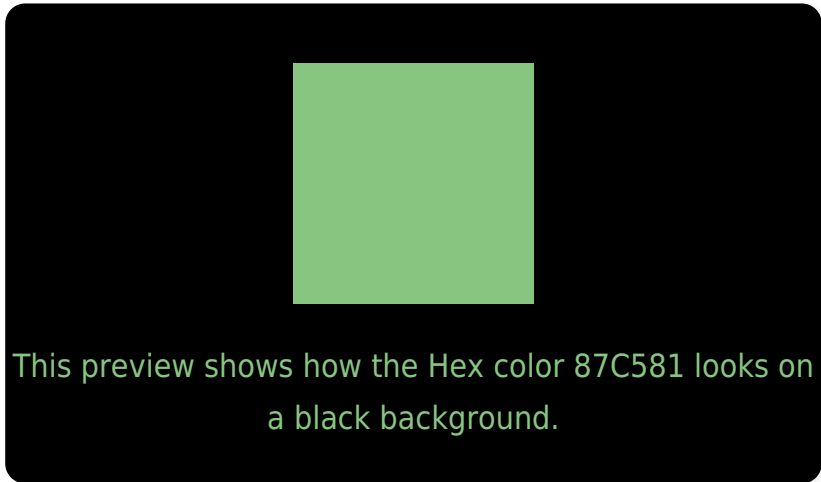
Large Text (above 18pt) WCAG AA × Fail

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

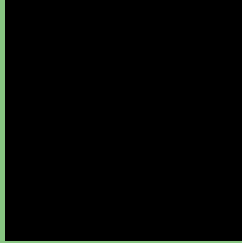
Any Text WCAG AA ✓ Pass

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 87C581 Background



This preview shows how black text looks on a background with the Hex color 87C581.

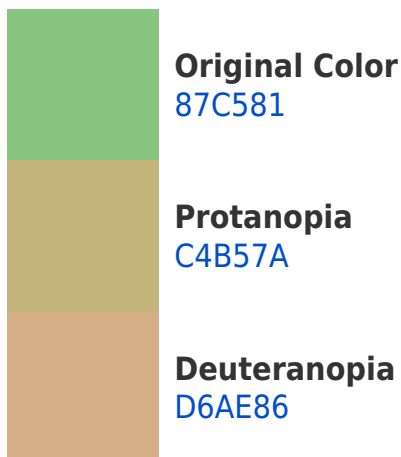


This preview shows how white text looks on a background with the Hex color 87C581.

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](#).

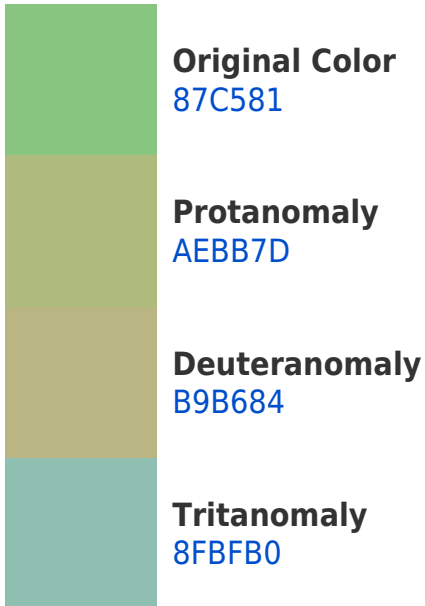
Dichromacy



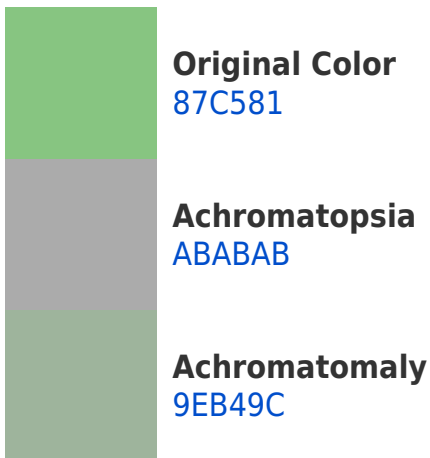


Tritanopia
94BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C581 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 #87C581 looks like.

```
.text, #text, p{  
    color:#87C581  
}
```

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 #87C581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C581
}
```

Border

The CSS property to change the border of an element to Hex 87C581 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
#87C581 }
```

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

```
.border{ border-color:#87C581 }
```

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

Here you see how a box with a 4 pixel #87C581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C581; -webkit-box-shadow:4px 4px  
4px 4px #87C581; box-shadow:4px 4px 4px  
4px #87C581 }
```

Background

The CSS property to change the background color of an element to Hex 87C581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C581 }
```

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

```
.background{ background-color:#87C581 }
```

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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