

Converting Colors

Hex(87C487)

Have a look what the booklet for
Hex(87C487) contains.

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Color

Hex(87C487)

Conversions

Conversions Part 1

Format	Color
Hex	87C487
RGB	135, 196, 135
RGB Percent	53%, 77%, 53%
CMY	0.4706, 0.2314, 0.4706
CMYK	0.31, 0.00, 0.31, 0.23
HSL	120°, 34%, 65%
HSV	120°, 31%, 77%
XYZ	34.1048, 46.3800, 30.0764
YIQ	170.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

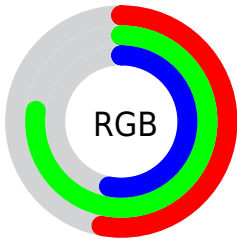
Format	Color
RYB	135, 196, 196
Decimal	8897671
CIELab	73.79, -31.73, 24.56
CIELCh	74, 40.126, 142.260
Yxy	46.3800, 0.3085, 0.4195
Android (android.graphics.Color)	4287087751 (0xFF87C487)
YUV	170.8070, -17.6529, -31.4027
Hunter-Lab	68.1029, -29.7902, 21.4877

Details

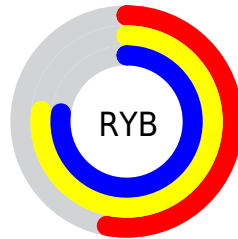
The Hex color **87C487** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C487C4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BEFDDB**, and **538E55** is the 20% darker color. If you saturate the color by 10%, you get **73C473**, and if you desaturate by 10%, it is **9BC49B**.

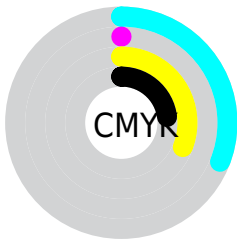
Distribution



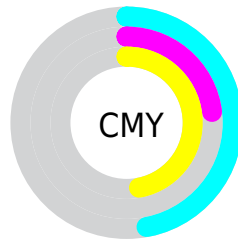
- Red (53%)
- Green (77%)
- Blue (53%)



- Red (53%)
- Yellow (77%)
- Blue (77%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C487 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 87C487 by changing the saturation by 10% instead.



87C487



87C487

FFFFFF



6DA96D



BEFDBD



538E55



DAFFD9



39743D



F7FFF5



1F5B26



004310



002C00



001600



000000



87C487



87C487

 73C473

 9BC49B

 60C460

 AEC4AE

 4CC44C

 C2C4C2

 39C439

 D5C4D5

 25C425

 E9C4E9

 11C411

 FDC4FD

 00C400

 FFC4FF

Harmonies

Analogous

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



B2BC70



87C487



56C8AA

Triad

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



87C487



6EBCFE



FD9A9B

Complementary

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



87C487



C487C4

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.



F699C0



87C487



ACAFF9

Square

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



87C487



27C5EF



DBA2E3



F1A37C

Rectangle

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



87C487



2FC9C4



DBA2E3



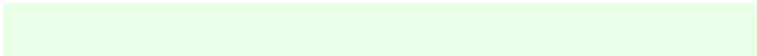
FD99A7

Sweetspot

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



87C487



E8FFE8



C4C487



718071



000000



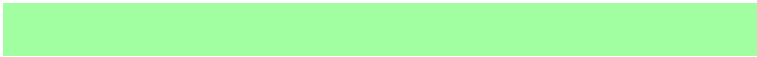
808080

Same Dimension

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



87C487



A1FFA1



87C4A6



576157



00A100



002100

Inverse Universe

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



C487C4



FFA1FF



C487A6



615761



A100A1



210021

Previews

White Background



This preview shows how the Hex color 87C487 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 87C487 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 87C487 Background



This preview shows how black text looks on a background with the Hex color 87C487.

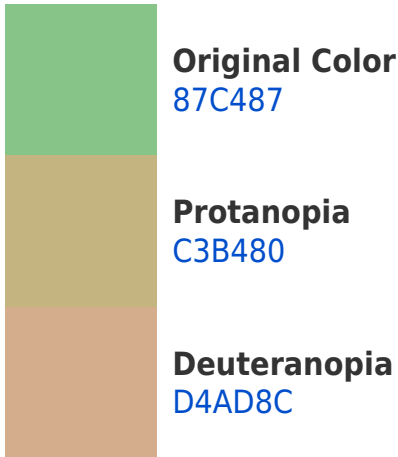


This preview shows how white text looks on a background with the Hex color 87C487.

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](#).

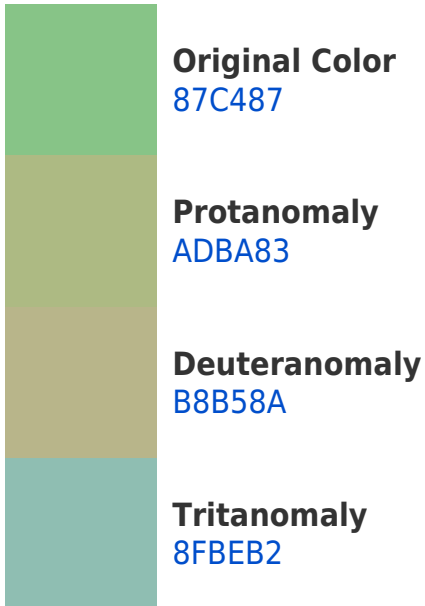
Dichromacy





Tritanopia
93BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C487 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 #87C487 looks like.

```
.text, #text, p{  
    color:#87C487  
}
```

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 #87C487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C487
}
```

Border

The CSS property to change the border of an element to Hex 87C487 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
#87C487 }
```

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

```
.border{ border-color:#87C487 }
```

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

Here you see how a box with a 4 pixel #87C487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C487; -webkit-box-shadow:4px 4px  
4px 4px #87C487; box-shadow:4px 4px 4px  
4px #87C487 }
```

Background

The CSS property to change the background color of an element to Hex 87C487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C487 }
```

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

```
.background{ background-color:#87C487 }
```

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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