

Converting Colors

Hex(87B478)

Have a look what the booklet for
Hex(87B478) contains.

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Color

Hex(87B478)

Conversions

Conversions Part 1

Format	Color
Hex	87B478
RGB	135, 180, 120
RGB Percent	53%, 71%, 47%
CMY	0.4706, 0.2941, 0.5294
CMYK	0.25, 0.00, 0.33, 0.29
HSL	105°, 29%, 59%
HSV	105°, 33%, 71%
XYZ	29.7031, 39.1495, 23.7604
YIQ	159.7050, -7.5600, -28.2000

Conversions

Conversions Part 2

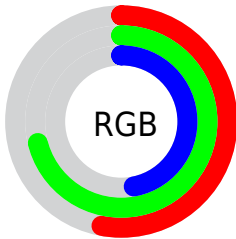
Format	Color
RYB	120, 180, 165
Decimal	8893560
CIELab	68.86, -26.47, 25.90
CIElCh	69, 37.031, 135.621
Yxy	39.1495, 0.3207, 0.4227
Android (android.graphics.Color)	4287083640 (0xFF87B478)
YUV	159.7050, -19.5746, -21.6663
Hunter-Lab	62.5695, -24.7589, 21.2837

Details

The Hex color **87B478** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A578B4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BDECAD**, and **547F47** is the 20% darker color. If you saturate the color by 10%, you get **7AB466**, and if you desaturate by 10%, it is **95B48A**.

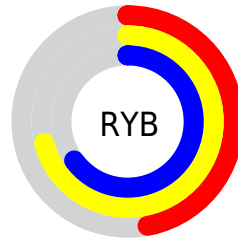
Distribution



Red (53%)

Green (71%)

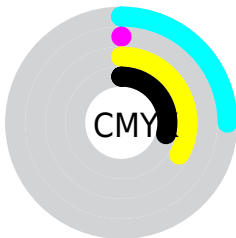
Blue (47%)



Red (47%)

Yellow (71%)

Blue (65%)

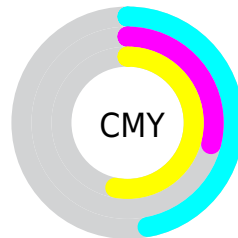


Cyan (25%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B478 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 87B478 by changing the saturation by 10% instead.



87B478



87B478

FFFFFF



6D995F



BDECAD



547F47



D9FFC8



3B662F



F6FFE4



224D19



093601



002200



000000



87B478



87B478



7AB466



95B48A

 6CB454

 A2B49C

 5FB442

 B0B4AE

 51B430

 BDB4C0

 43B41E

 CBB4D2

 36B40C

 D8B4E4

 2DB400

 E6B4F6

 F3B4FF

 FFB4FF

Harmonies

Analogous

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



ADAC66



87B478



5CB996

Triad

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



87B478



5BB0E8



EA8E98

Complementary

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



87B478



A578B4

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.



DF90BA



87B478



94A5E8

Square

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



87B478



21B7D7



C299D7



E2957A

Rectangle

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



87B478



3DBAAD



C299D7



E88EA3

Sweetspot

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



87B478



D9EBD3



B4A578



6B7567



F5F5F5



757575

Same Dimension

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



87B478



A4EB8D



78B487



535950



269900



061A00

Inverse Universe

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



A578B4



D38DEB



B478A5



575059



730099



13001A

Previews

White Background



This preview shows how the Hex color 87B478 looks on a white background.

Color Contrast Check

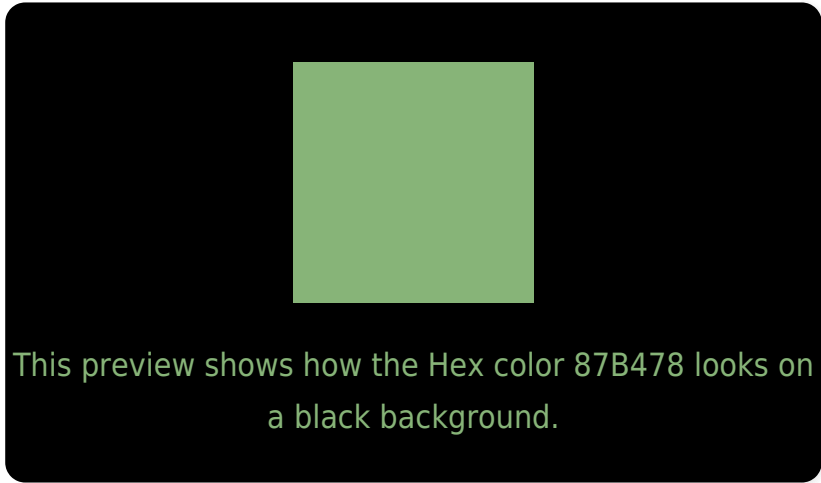
Large Text (above 18pt) WCAG AA × Fail

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

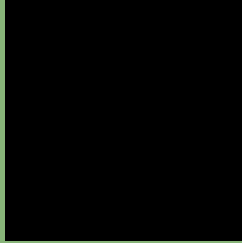
Any Text WCAG AA ✓ Pass

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 87B478 Background



This preview shows how black text looks on a background with the Hex color 87B478.

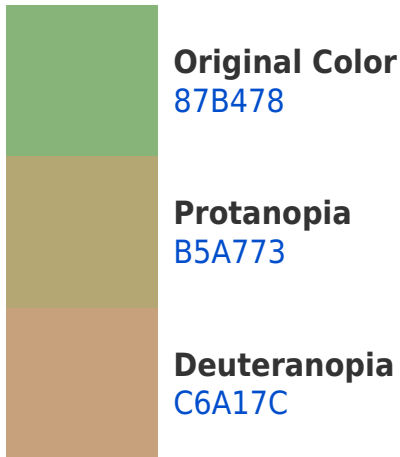


This preview shows how white text looks on a background with the Hex color 87B478.

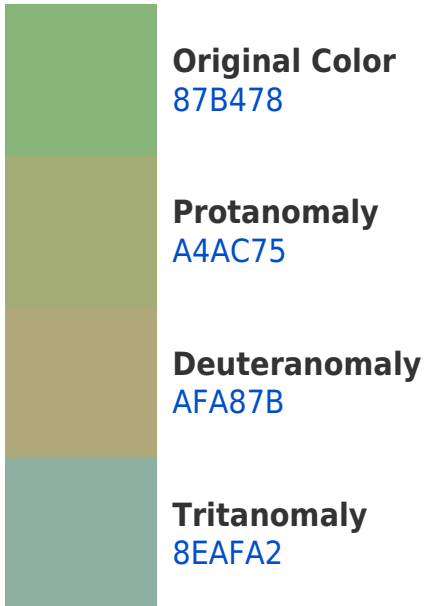
Color Blindness Simulation

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](#).

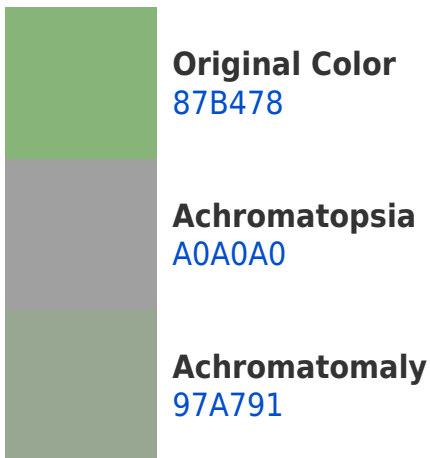
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B478 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 #87B478 looks like.

```
.text, #text, p{  
    color:#87B478  
}
```

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 #87B478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B478  
}
```

Border

The CSS property to change the border of an element to Hex 87B478 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  
#87B478 }
```

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

```
.border{ border-color:#87B478 }
```

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

Here you see how a box with a 4 pixel #87B478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B478; -webkit-box-shadow:4px 4px  
4px 4px #87B478; box-shadow:4px 4px 4px  
4px #87B478 }
```

Background

The CSS property to change the background color of an element to Hex 87B478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B478 }
```

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

```
.background{ background-color:#87B478 }
```

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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