

Converting Colors

Hex(87B340)

Have a look what the booklet for
Hex(87B340) contains.

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Color

Hex(87B340)

Conversions

Conversions Part 1

Format	Color
Hex	87B340
RGB	135, 179, 64
RGB Percent	53%, 70%, 25%
CMY	0.4706, 0.2980, 0.7490
CMYK	0.25, 0.00, 0.64, 0.30
HSL	83°, 47%, 48%
HSV	83°, 64%, 70%
XYZ	27.0372, 37.7613, 10.7141
YIQ	152.7340, 10.6910, -45.0930

Conversions

Conversions Part 2

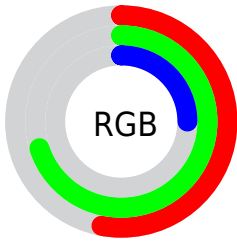
Format	Color
RYB	64, 179, 108
Decimal	8893248
CIELab	67.84, -32.56, 52.22
CIElCh	68, 61.545, 121.944
Yxy	37.7613, 0.3580, 0.5001
Android (android.graphics.Color)	4287083328 (0xFF87B340)
YUV	152.7340, -43.7459, -15.5527
Hunter-Lab	61.4502, -29.0004, 32.6776

Details

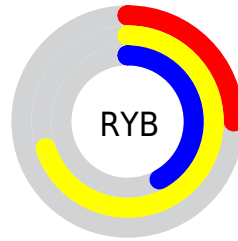
The Hex color **87B340** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6C40B3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BFEB75**, and **517E00** is the 20% darker color. If you saturate the color by 10%, you get **80B32E**, and if you desaturate by 10%, it is **8EB352**.

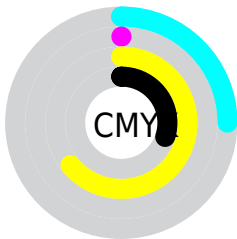
Distribution



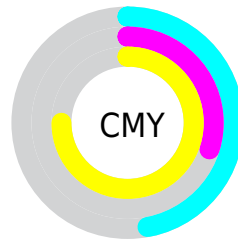
- Red (53%)
- Green (70%)
- Blue (25%)



- Red (25%)
- Yellow (70%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (64%)
- Black (30%)



- Cyan (47%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B340 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 87B340 by changing the saturation by 10% instead.

 87B340

 87B340

FFFFFF

 6C9825

 BFE875

 517E00

 DCFF90

 366500

 F9FFAB

 1C4C00

 FFFFC7

 003500

 FFFFE4

 002200

 000000

 87B340

 87B340

 80B32E

 8EB352

 79B31C

 95B364

 72B30A

 9CB376

 6FB300

 A2B388

 A9B39A

 B0B3AB

 B7B3BD

 BEB3CF

 C5B3E1

Harmonies

Analogous

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



BFA42C



87B340



2FBC6F

Triad

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



87B340



00B8FF



FF72A4

Complementary

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



87B340



6C40B3

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.



EC7EDB



87B340



18AAFF

Square

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



87B340



00BDFD



AB95FF



FF7A6E

Rectangle

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



87B340



00BF94



AB95FF



FF74B7

Sweetspot

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



87B340



D7E8BC



B36A40



6B755A



F5F5F5



757575

Same Dimension

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



87B340



A4E835



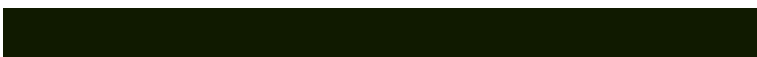
4FB340



565950



5E9900



101A00

Inverse Universe

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



6C40B3



7A35E8



A440B3



545059



3B0099



0A001A

Previews

White Background



This preview shows how the Hex color 87B340 looks on a white background.

Color Contrast Check

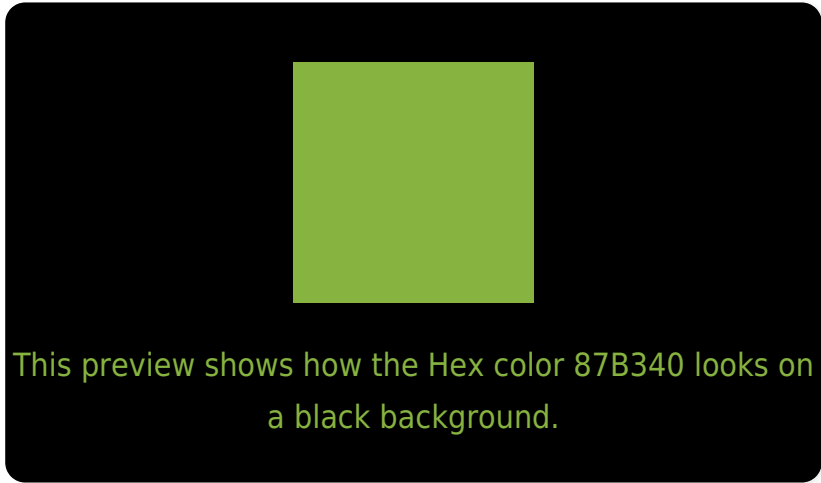
Large Text (above 18pt) WCAG AA × Fail

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 87B340 Background



This preview shows how black text looks on a background with the Hex color 87B340.

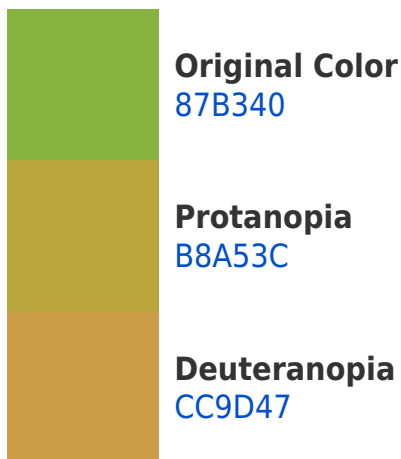


This preview shows how white text looks on a background with the Hex color 87B340.

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](#).

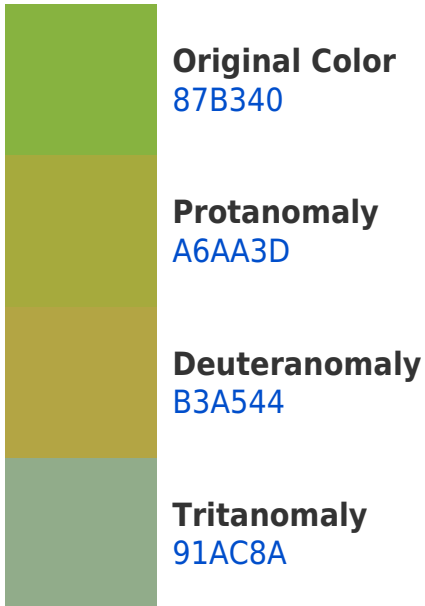
Dichromacy



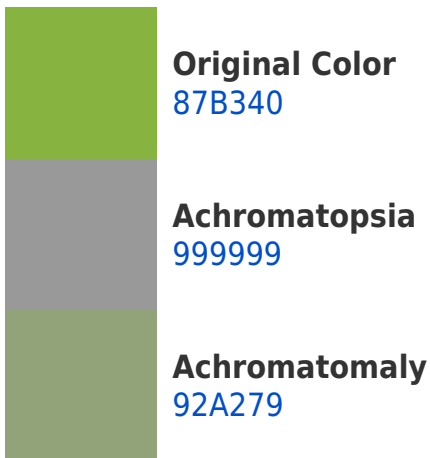


Tritanopia
96A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B340 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 #87B340 looks like.

```
.text, #text, p{  
    color:#87B340  
}
```

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 #87B340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B340
}
```

Border

The CSS property to change the border of an element to Hex 87B340 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
#87B340 }
```

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

```
.border{ border-color:#87B340 }
```

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

Here you see how a box with a 4 pixel #87B340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B340; -webkit-box-shadow:4px 4px  
4px 4px #87B340; box-shadow:4px 4px 4px  
4px #87B340 }
```

Background

The CSS property to change the background color of an element to Hex 87B340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B340 }
```

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

```
.background{ background-color:#87B340 }
```

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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