

Converting Colors

Hex(87B135)

Have a look what the booklet for
Hex(87B135) contains.

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Color

Hex(87B135)

Conversions

Conversions Part 1

Format	Color
Hex	87B135
RGB	135, 177, 53
RGB Percent	53%, 69%, 21%
CMY	0.4706, 0.3059, 0.7922
CMYK	0.24, 0.00, 0.70, 0.31
HSL	80°, 54%, 45%
HSV	80°, 70%, 69%
XYZ	26.3564, 36.8522, 9.0922
YIQ	150.3060, 14.7720, -47.4680

Conversions

Conversions Part 2

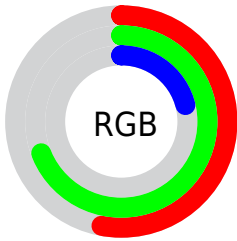
Format	Color
RYB	53, 177, 95
Decimal	8892725
CIELab	67.17, -32.42, 55.97
CIELCh	67, 64.685, 120.082
Yxy	36.8522, 0.3645, 0.5097
Android (android.graphics.Color)	4287082805 (0xFF87B135)
YUV	150.3060, -47.9719, -13.4234
Hunter-Lab	60.7060, -28.7371, 33.6141

Details

The Hex color **87B135** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5F35B1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BFE96B**, and **517C00** is the 20% darker color. If you saturate the color by 10%, you get **81B123**, and if you desaturate by 10%, it is **8DB147**.

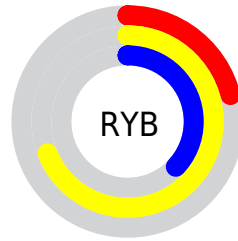
Distribution



Red (53%)

Green (69%)

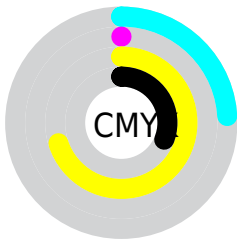
Blue (21%)



Red (21%)

Yellow (69%)

Blue (37%)

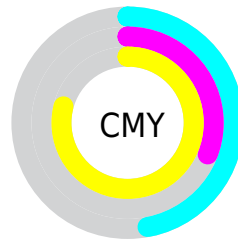


Cyan (24%)

Magenta (0%)

Yellow (70%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B135 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 87B135 by changing the saturation by 10% instead.

 87B135

 87B135

FFFFFF

 6C9616

 BFE96B

 517C00

 DCFE86

 366300

 FAFFA1

 1A4B00

 FFFFBD

 003400

 FFFFDA

 002100

 FFFFF7

 000000

 87B135

 87B135

 81B123

 8DB147

 7BB112

 93B158

 75B100

 99B16A

 9FB17C

 A5B18E

 ABB19F

 B1B1B1

 B7B1C3

 BDB1D4

Harmonies

Analogous

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



C1A120



87B135



29BB66

Triad

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



87B135



00B8FF



FF6CA6

Complementary

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



87B135



5F35B1

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.



EA7BDF



87B135



00A AFF

Square

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



87B135



00BFDC



A394FF



FF746D

Rectangle

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



87B135



00BE8D



A394FF



FF6FB9

Sweetspot

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



87B135



D5E6B5



B15E35



697356



F2F2F2



737373

Same Dimension

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



87B135



A4E625



4AB135



565950



659900



111A00

Inverse Universe

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



5F35B1



6625E6



9C35B1



535059



340099



09001A

Previews

White Background



This preview shows how the Hex color 87B135 looks on a white background.

Color Contrast Check

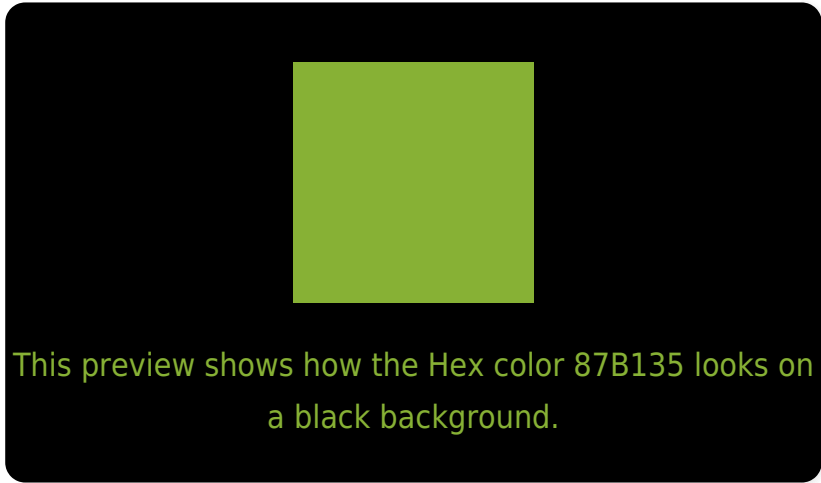
Large Text (above 18pt) WCAG AA × Fail

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 87B135 Background



This preview shows how black text looks on a background with the Hex color 87B135.

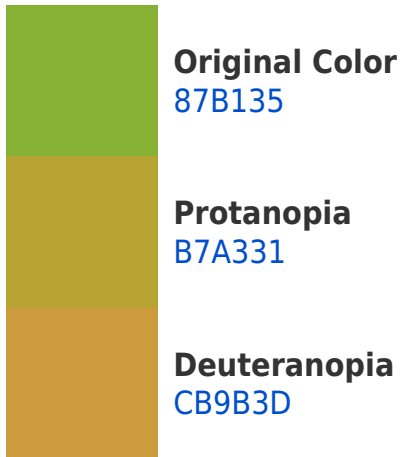


This preview shows how white text looks on a background with the Hex color 87B135.

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](#).

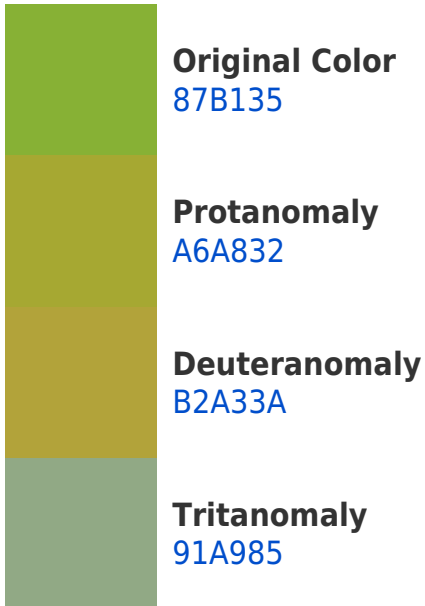
Dichromacy





Tritanopia
96A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B135 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 #87B135 looks like.

```
.text, #text, p{  
    color:#87B135  
}
```

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 #87B135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B135
}
```

Border

The CSS property to change the border of an element to Hex 87B135 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
#87B135 }
```

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

```
.border{ border-color:#87B135 }
```

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

Here you see how a box with a 4 pixel #87B135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B135; -webkit-box-shadow:4px 4px  
4px 4px #87B135; box-shadow:4px 4px 4px  
4px #87B135 }
```

Background

The CSS property to change the background color of an element to Hex 87B135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B135 }
```

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

```
.background{ background-color:#87B135 }
```

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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