

Converting Colors

Hex(87B051)

Have a look what the booklet for
Hex(87B051) contains.

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Color

Hex(87B051)

Conversions

Conversions Part 1

Format	Color
Hex	87B051
RGB	135, 176, 81
RGB Percent	53%, 69%, 32%
CMY	0.4706, 0.3098, 0.6824
CMYK	0.23, 0.00, 0.54, 0.31
HSL	86°, 38%, 50%
HSV	86°, 54%, 69%
XYZ	27.0022, 36.7956, 13.4637
YIQ	152.9110, 6.0590, -38.2370

Conversions

Conversions Part 2

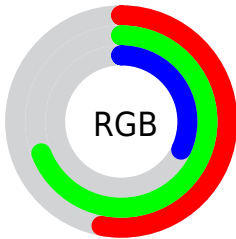
Format	Color
RYB	81, 176, 122
Decimal	8892497
CIELab	67.12, -29.60, 43.68
CIELCh	67, 52.761, 124.124
Yxy	36.7956, 0.3495, 0.4762
Android (android.graphics.Color)	4287082577 (0xFF87B051)
YUV	152.9110, -35.4521, -15.7079
Hunter-Lab	60.6594, -26.6957, 29.3019

Details

The Hex color **87B051** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7A51B0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BEE885**, and **527B1E** is the 20% darker color. If you saturate the color by 10%, you get **7FB03F**, and if you desaturate by 10%, it is **8FB063**.

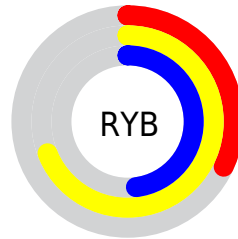
Distribution



Red (53%)

Green (69%)

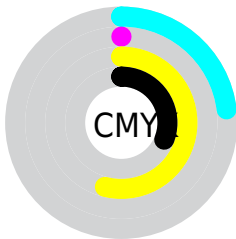
Blue (32%)



Red (32%)

Yellow (69%)

Blue (48%)

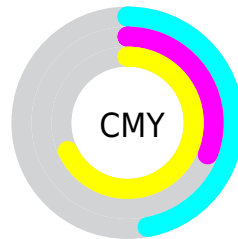


Cyan (23%)

Magenta (0%)

Yellow (54%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B051 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 87B051 by changing the saturation by 10% instead.

 87B051

 87B051

FFFFFF

 6C9538

 BEE885

 527B1E

 DBFFA0

 386200

 F8FFBB

 1F4A00

 FFFFFD8

 003300

 FFFFFF4

 002000

 000000

 87B051

 87B051

 7FB03F

 8FB063

 78B02E

 96B074

 70B01C

 9EB086

 69B00B

 A5B097

 64B000

 ADB0A9

 B5B0BB

 BCB0CC

 C4B0DE

 CBB0EF

Harmonies

Analogous

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



B8A340



87B051



43B878

Triad

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



87B051



00B3F8



FA7A9F

Complementary

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



87B051



7A51B0

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.



E382CE



87B051



56A6FF

Square

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



87B051



00BAD7



AF94F2



F88171

Rectangle

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



87B051



00BB98



AF94F2



F67BAF

Sweetspot

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



87B051



D6E6C1



B07951



69735D



F2F2F2



737373

Same Dimension

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



87B051



A5E650



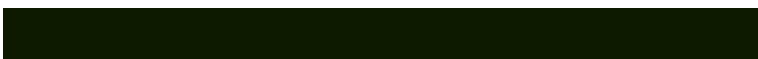
59B051



555950



579900



0E1A00

Inverse Universe

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



7A51B0



9150E6



A851B0



545059



420099



0B001A

Previews

White Background



This preview shows how the Hex color 87B051 looks on a white background.

Color Contrast Check

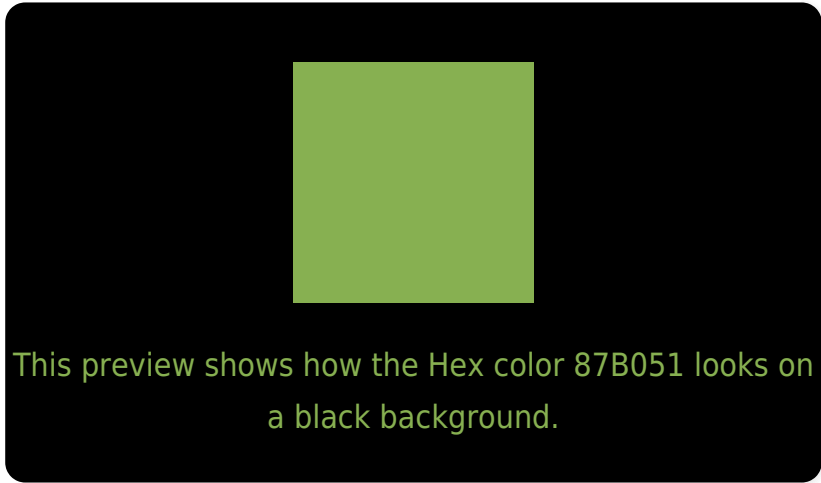
Large Text (above 18pt) WCAG AA × Fail

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 87B051 Background



This preview shows how black text looks on a background with the Hex color 87B051.



This preview shows how white text looks on a background with the Hex color 87B051.

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](#).

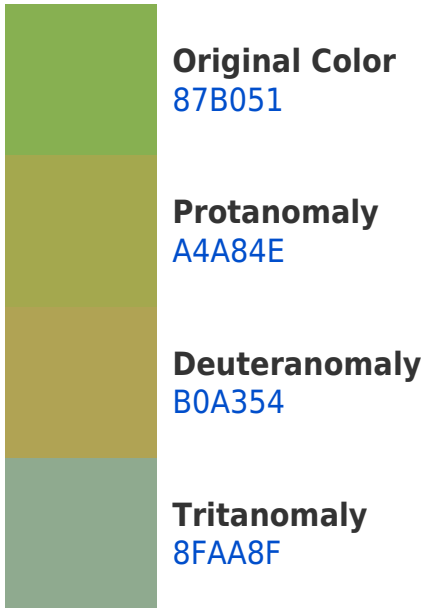
Dichromacy



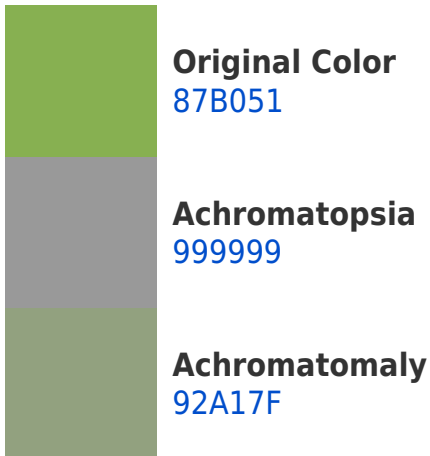


Tritanopia
94A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B051 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 #87B051 looks like.

```
.text, #text, p{  
    color:#87B051  
}
```

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 #87B051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B051
}
```

Border

The CSS property to change the border of an element to Hex 87B051 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
#87B051 }
```

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

```
.border{ border-color:#87B051 }
```

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

Here you see how a box with a 4 pixel #87B051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B051; -webkit-box-shadow:4px 4px  
4px 4px #87B051; box-shadow:4px 4px 4px  
4px #87B051 }
```

Background

The CSS property to change the background color of an element to Hex 87B051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B051 }
```

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

```
.background{ background-color:#87B051 }
```

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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