

Converting Colors

Hex(87C653)

Have a look what the booklet for
Hex(87C653) contains.

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Color

Hex(87C653)

Conversions

Conversions Part 1

Format	Color
Hex	87C653
RGB	135, 198, 83
RGB Percent	53%, 78%, 33%
CMY	0.4706, 0.2235, 0.6745
CMYK	0.32, 0.00, 0.58, 0.22
HSL	93°, 50%, 55%
HSV	93°, 58%, 78%
XYZ	31.7471, 46.1636, 15.4208
YIQ	166.0530, -0.6330, -49.1210

Conversions

Conversions Part 2

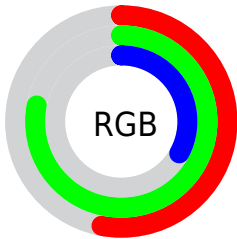
Format	Color
R_{YB}	83, 198, 146
Decimal	8898131
CIE _{Lab}	73.65, -39.51, 50.32
CIE _{LCh}	74, 63.980, 128.139
Yxy	46.1636, 0.3402, 0.4946
Android (android.graphics.Color)	4287088211 (0xFF87C653)
YUV	166.0530, -40.9451, -27.2335
Hunter-Lab	67.9438, -35.4966, 34.1039

Details

The Hex color **87C653** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9253C6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BFFF88**, and **50901D** is the 20% darker color. If you saturate the color by 10%, you get **7CC63F**, and if you desaturate by 10%, it is **92C667**.

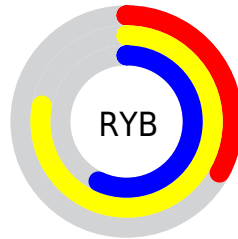
Distribution



Red (53%)

Green (78%)

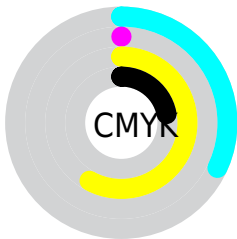
Blue (33%)



Red (33%)

Yellow (78%)

Blue (57%)

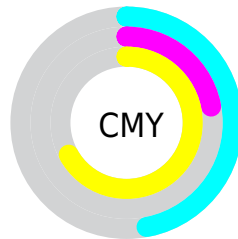


Cyan (32%)

Magenta (0%)

Yellow (58%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C653 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 87C653 by changing the saturation by 10% instead.



87C653



87C653

FFFFFF



6CAA39



BFFF88



50901D



DCFFA3



357600



FAFFBF



155C00



FFFFDC



004400



FFFFF9



002D00



001500



000000



87C653



87C653

 7CC63F

 92C667

 71C62B

 9DC67B

 66C618

 A8C68E

 5CC604

 B2C6A2

 5AC600

 BDC6B6

 C8C6CA

 D3C6DE

 DEC6F1

 E9C6FF

Harmonies

Analogous

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



C6B737



87C653



02CF87

Triad

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



87C653



00C7FF



FF7FA7

Complementary

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



87C653



9253C6

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.



FF88E2



87C653



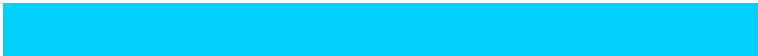
5EB6FF

Square

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



87C653



00D0FC



CD9FFF



FF8C6F

Rectangle

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



87C653



00D1AF



CD9FFF



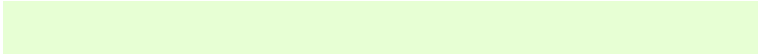
FF80BB

Sweetspot

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



87C653



E7FFD4



C69053



728066



000000



808080

Same Dimension

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



87C653



9DFF4D



53C657



5E635A



4AA300



102400

Inverse Universe

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



9253C6



AE4DFF



C653C2



5F5A63



5900A3



140024

Previews

White Background



This preview shows how the Hex color 87C653 looks on a white background.

Color Contrast Check

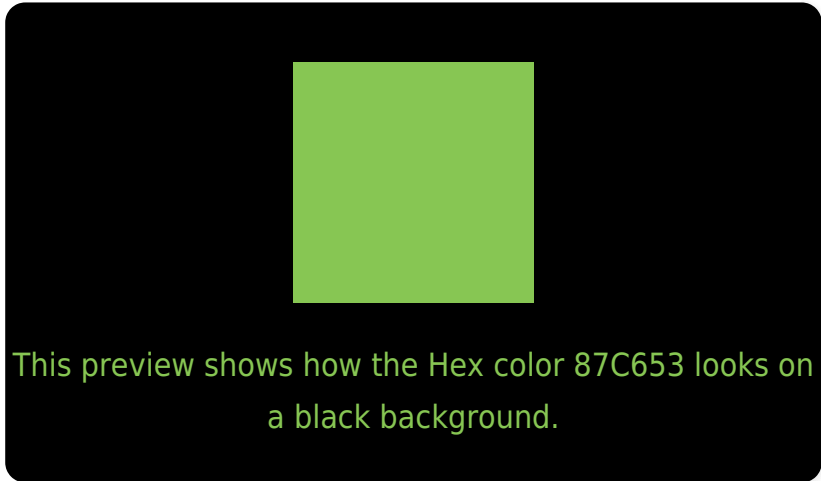
Large Text (above 18pt) WCAG AA × Fail

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 87C653 Background



This preview shows how black text looks on a background with the Hex color 87C653.

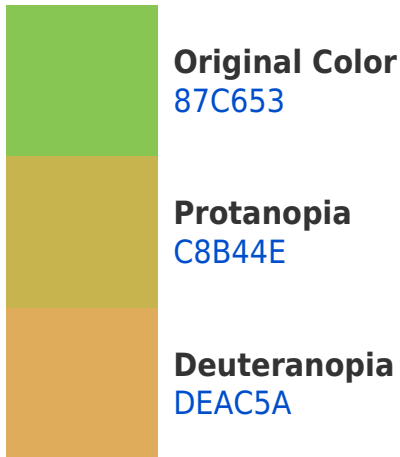


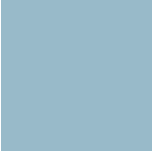
This preview shows how white text looks on a background with the Hex color 87C653.

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](#).

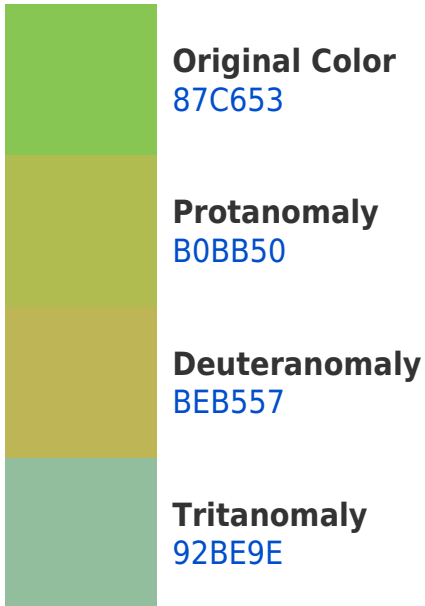
Dichromacy



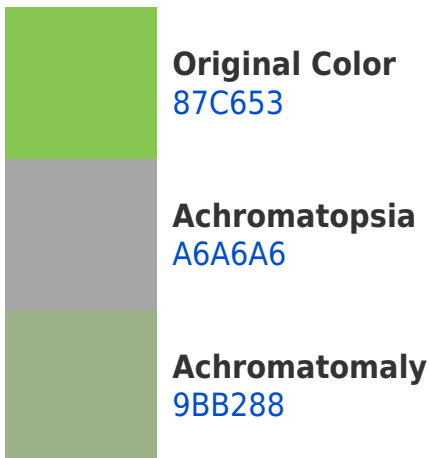


Tritanopia
98BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C653 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 #87C653 looks like.

```
.text, #text, p{  
    color:#87C653  
}
```

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 #87C653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C653
}
```

Border

The CSS property to change the border of an element to Hex 87C653 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
#87C653 }
```

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

```
.border{ border-color:#87C653 }
```

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

Here you see how a box with a 4 pixel #87C653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C653; -webkit-box-shadow:4px 4px  
4px 4px #87C653; box-shadow:4px 4px 4px  
4px #87C653 }
```

Background

The CSS property to change the background color of an element to Hex 87C653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C653 }
```

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

```
.background{ background-color:#87C653 }
```

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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