

Converting Colors

Hex(87D062)

Have a look what the booklet for
Hex(87D062) contains.

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Color

Hex(87D062)

Conversions

Conversions Part 1

Format	Color
Hex	87D062
RGB	135, 208, 98
RGB Percent	53%, 82%, 38%
CMY	0.4706, 0.1843, 0.6157
CMYK	0.35, 0.00, 0.53, 0.18
HSL	100°, 54%, 60%
HSV	100°, 53%, 82%
XYZ	34.7522, 51.1445, 19.5955
YIQ	173.6330, -8.1980, -49.6860

Conversions

Conversions Part 2

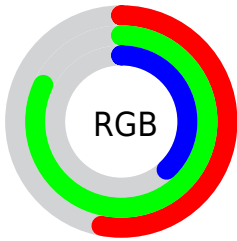
Format	Color
RYB	98, 208, 171
Decimal	8900706
CIELab	76.77, -42.32, 47.02
CIELCh	77, 63.264, 131.987
Yxy	51.1445, 0.3294, 0.4848
Android (android.graphics.Color)	4287090786 (0xFF87D062)
YUV	173.6330, -37.2871, -33.8811
Hunter-Lab	71.5154, -38.4117, 33.8150

Details

The Hex color **87D062** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AB62D0**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BFFF97**, and **50992E** is the 20% darker color. If you saturate the color by 10%, you get **79D04D**, and if you desaturate by 10%, it is **95D077**.

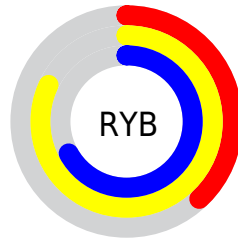
Distribution



Red (53%)

Green (82%)

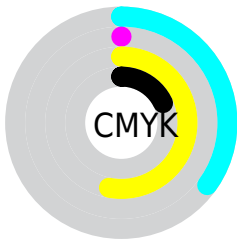
Blue (38%)



Red (38%)

Yellow (82%)

Blue (67%)

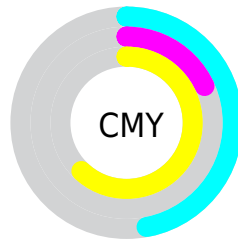


Cyan (35%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D062 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 87D062 by changing the saturation by 10% instead.

 87D062

 87D062

FFFFFF

 6BB448

 BFFF97

 50992E

 DCFFB3

 347F11

 FAFFCF

 126500

 FFFFEC

 004C00

 003500

 001F00

 000000

 87D062

 87D062

 79D04D

 95D077

 6BD038

 A3D08C

 5ED024

 B0D0A0

 50D00F

 BED0B5

 46D000

 CCD0CA

 DAD0DF

 E8D0F4

 F5D0FF

 FFD0FF

Harmonies

Analogous

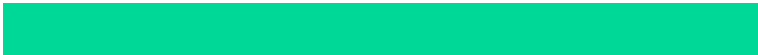
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C8C243



87D062



00D897

Triad

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



87D062



00CEFF



FF89A8

Complementary

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



87D062



AB62D0

Split Complementary

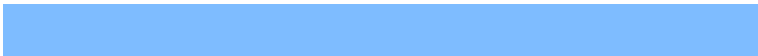
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8FE3



87D062



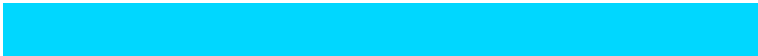
7EBCFF

Square

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



87D062



00D7FF



E0A4FF



FF9772

Rectangle

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



87D062



00DAC0



E0A4FF



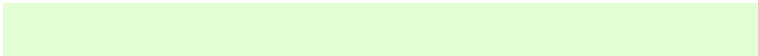
FF89BC

Sweetspot

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



87D062



E4FFD6



D0AA62



6F8067



000000



808080

Same Dimension

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



87D062



94FF5E



62D072



62695E



39A800



0E2900

Inverse Universe

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



AB62D0



C95EFF



D062C0



655E69



7000A8



1B0029

Previews

White Background



This preview shows how the Hex color 87D062 looks on a white background.

Color Contrast Check

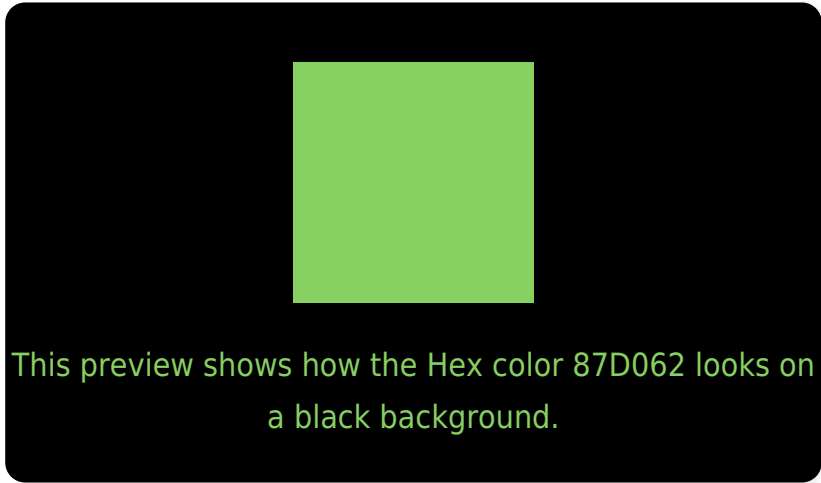
Large Text (above 18pt) WCAG AA × Fail

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 87D062 Background



This preview shows how black text looks on a background with the Hex color 87D062.

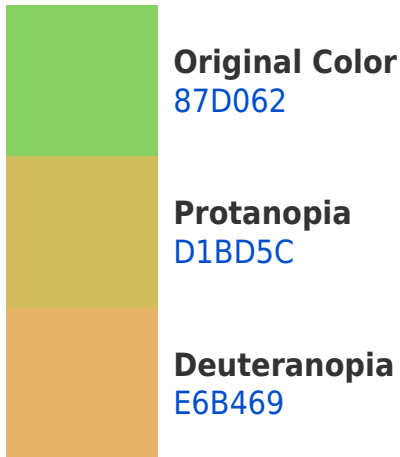


This preview shows how white text looks on a background with the Hex color 87D062.

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
99C4D3

Trichromacy



Original Color
87D062



Protanomaly
B6C45E



Deuteranomaly
C3BE66



Tritanomaly
92C8AA

Monochromacy



Original Color
87D062



Achromatopsia
AEAEAE



Achromatomaly
A0BA92

CSS Examples

Text

The CSS property to change the color of the text to Hex 87D062 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 #87D062 looks like.

```
.text, #text, p{  
    color:#87D062  
}
```

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 #87D062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D062
}
```

Border

The CSS property to change the border of an element to Hex 87D062 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
#87D062 }
```

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

```
.border{ border-color:#87D062 }
```

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

Here you see how a box with a 4 pixel #87D062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D062; -webkit-box-shadow:4px 4px  
4px 4px #87D062; box-shadow:4px 4px 4px  
4px #87D062 }
```

Background

The CSS property to change the background color of an element to Hex 87D062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D062 }
```

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

```
.background{ background-color:#87D062 }
```

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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