

Converting Colors

Hex(87BD62)

Have a look what the booklet for
Hex(87BD62) contains.

Hex(87BD62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87BD62)

Conversions

Conversions Part 1

Format	Color
Hex	87BD62
RGB	135, 189, 98
RGB Percent	53%, 74%, 38%
CMY	0.4706, 0.2588, 0.6157
CMYK	0.29, 0.00, 0.48, 0.26
HSL	96°, 41%, 56%
HSV	96°, 48%, 74%
XYZ	30.3939, 42.4279, 18.1428
YIQ	162.4800, -2.9730, -39.7490

Conversions

Conversions Part 2

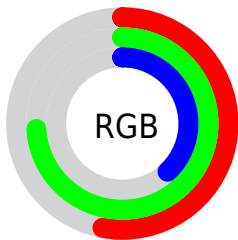
Format	Color
RYB	98, 189, 152
Decimal	8895842
CIELab	71.16, -33.80, 40.23
CIElCh	71, 52.540, 130.033
Yxy	42.4279, 0.3341, 0.4664
Android (android.graphics.Color)	4287085922 (0xFF87BD62)
YUV	162.4800, -31.7886, -24.1000
Hunter-Lab	65.1367, -30.6982, 29.0815

Details

The Hex color **87BD62** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9862BD**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BEF696**, and **528730** is the 20% darker color. If you saturate the color by 10%, you get **7CBD4F**, and if you desaturate by 10%, it is **92BD75**.

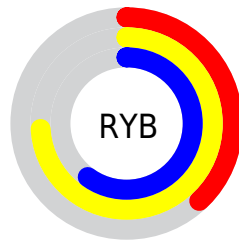
Distribution



Red (53%)

Green (74%)

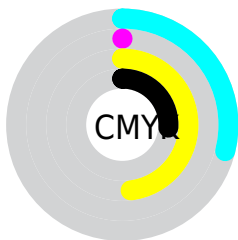
Blue (38%)



Red (38%)

Yellow (74%)

Blue (60%)

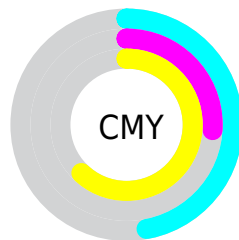


Cyan (29%)

Magenta (0%)

Yellow (48%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87BD62 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 87BD62 by changing the saturation by 10% instead.

 87BD62

 87BD62

FFFFFF

 6CA249

 BEF696

 528730

 DBFFB2

 386E16

 F8FFCE

 1D5500

 FFFFEA

 003D00

 002700

 000800

 000000

 87BD62

 87BD62

 7CBD4F

 92BD75

 71BD3C

 9DBD88

 65BD29

 A9BD9B

 5ABD16

 B4BDAE

 4FBD03

 BFBDC1

 4DBD00

 CABDD3

 D6BDE6

 E1BDF9

 ECBDFE

Harmonies

Analogous

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



BBB14C



87BD62



3DC48C

Triad

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



87BD62



00BCFF



FF85A0

Complementary

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



87BD62



9862BD

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.



F68BD0



87BD62



7AAEFF

Square

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



87BD62



00C4EB



C79BF8



FF8F73

Rectangle

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



87BD62



00C6AD



C79BF8



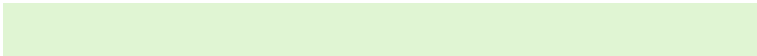
FF85B0

Sweetspot

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



87BD62



E0F5D3



BD9762



6E7A66



FAFAFA



7A7A7A

Same Dimension

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



87BD62



A1F567



62BD6A



595E55



409E00



0C1F00

Inverse Universe

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



9862BD



BB67F5



BD62B5



5B555E



5E009E



12001F

Previews

White Background



This preview shows how the Hex color 87BD62 looks on a white background.

Color Contrast Check

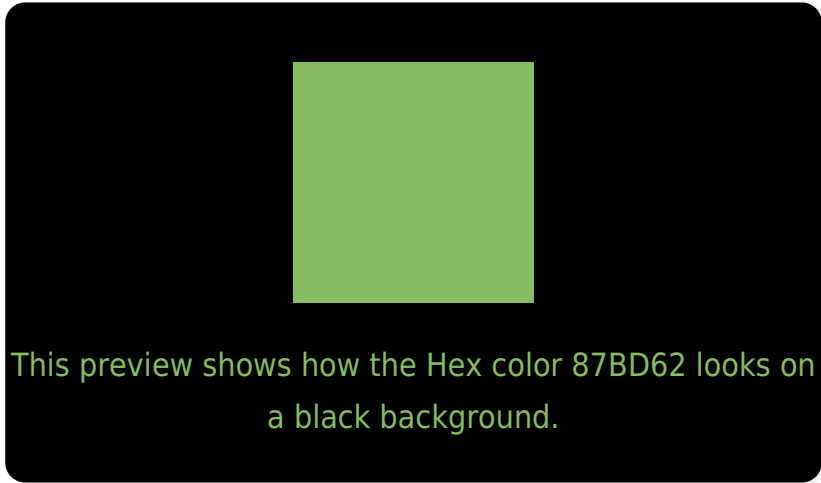
Large Text (above 18pt) WCAG AA × Fail

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 87BD62 Background



This preview shows how black text looks on a background with the Hex color 87BD62.

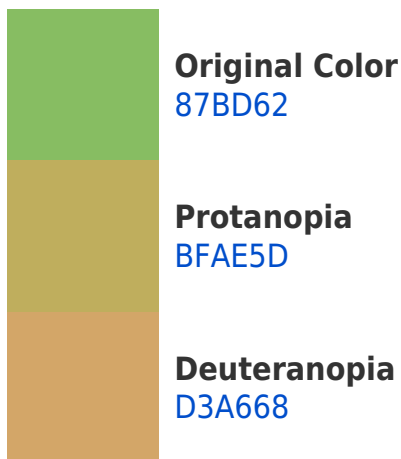


This preview shows how white text looks on a background with the Hex color 87BD62.

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](#).

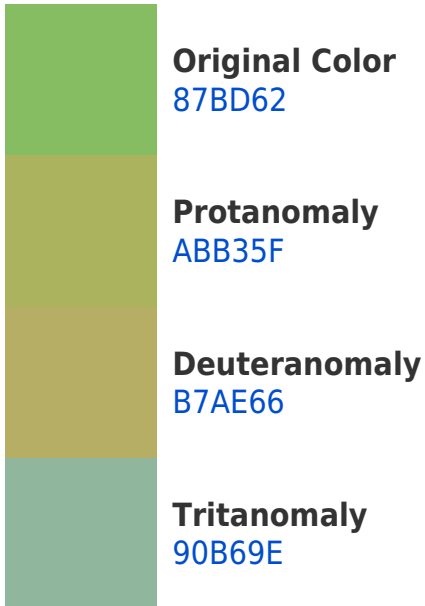
Dichromacy



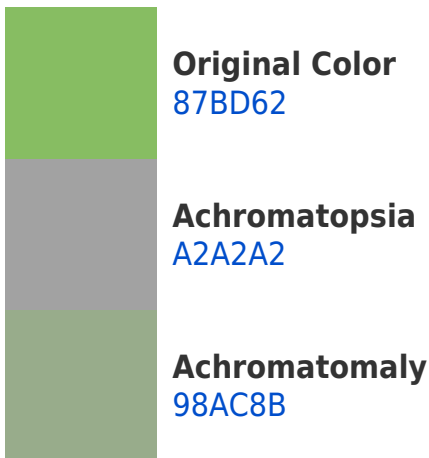


Tritanopia
95B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87BD62 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 #87BD62 looks like.

```
.text, #text, p{  
    color:#87BD62  
}
```

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 #87BD62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87BD62
}
```

Border

The CSS property to change the border of an element to Hex 87BD62 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
#87BD62 }
```

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

```
.border{ border-color:#87BD62 }
```

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

Here you see how a box with a 4 pixel #87BD62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87BD62; -webkit-box-shadow:4px 4px  
4px 4px #87BD62; box-shadow:4px 4px 4px  
4px #87BD62 }
```

Background

The CSS property to change the background color of an element to Hex 87BD62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87BD62 }
```

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

```
.background{ background-color:#87BD62 }
```

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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