

Converting Colors

Hex(85B252)

Have a look what the booklet for
Hex(85B252) contains.

Hex(85B252)	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(85B252)

Conversions

Conversions Part 1

Format	Color
Hex	85B252
RGB	133, 178, 82
RGB Percent	52%, 70%, 32%
CMY	0.4784, 0.3020, 0.6784
CMYK	0.25, 0.00, 0.54, 0.30
HSL	88°, 38%, 51%
HSV	88°, 54%, 70%
XYZ	27.1163, 37.4365, 13.7794
YIQ	153.6010, 3.9960, -39.3960

Conversions

Conversions Part 2

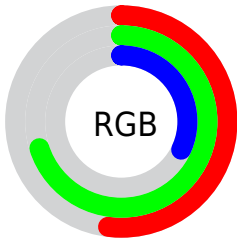
Format	Color
RYB	82, 178, 127
Decimal	8761938
CIELab	67.60, -31.20, 43.73
CIELCh	68, 53.722, 125.509
Yxy	37.4365, 0.3462, 0.4779
Android (android.graphics.Color)	4286952018 (0xFF85B252)
YUV	153.6010, -35.2993, -18.0671
Hunter-Lab	61.1854, -27.9665, 29.4772

Details

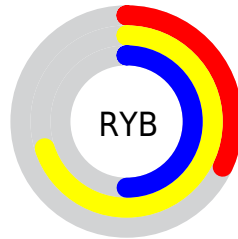
The Hex color **85B252** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7F52B2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BCEA86**, and **507D1F** is the 20% darker color. If you saturate the color by 10%, you get **7DB240**, and if you desaturate by 10%, it is **8DB264**.

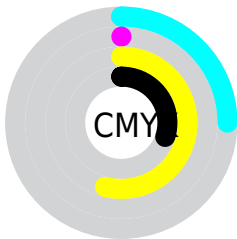
Distribution



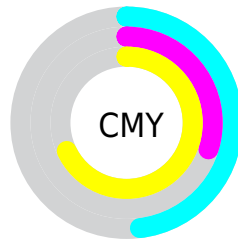
- Red (52%)
- Green (70%)
- Blue (32%)



- Red (32%)
- Yellow (70%)
- Blue (50%)



- Cyan (25%)
- Magenta (0%)
- Yellow (54%)
- Black (30%)



- Cyan (48%)
- Magenta (30%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B252 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 85B252 by changing the saturation by 10% instead.



85B252



85B252

FFFFFF



6A9739



BCEA86



507D1F



D9FFA1



366400



F6FFBC



1C4C00



FFFFD9



003400



FFFFFF6



002100



000000



85B252



85B252



7DB240



8DB264

 74B22E

 96B276

 6CB21D

 9EB287

 64B20B

 A6B299

 5FB200

 AFB2AB

 B7B2BD

 BFB2CF

 C8B2E0

 D0B2F2

Harmonies

Analogous

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



B8A53F



85B252



3DBA7B

Triad

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



85B252



00B4FC



FE7A9E

Complementary

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



85B252



7F52B2

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.



E782CE



85B252



5BA7FF

Square

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



85B252



00BBDC



B494F4



FA826F

Rectangle

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



85B252



00BC9B



B494F4



F97BAE

Sweetspot

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



85B252



D7E8C3



B27F52



6B755F



F5F5F5



757575

Same Dimension

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



85B252



A1E851



55B252



555950



519900



0E1A00

Inverse Universe

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



7F52B2



9851E8



AF52B2



555059



480099



0C001A

Previews

White Background



This preview shows how the Hex color 85B252 looks on a white background.

Color Contrast Check

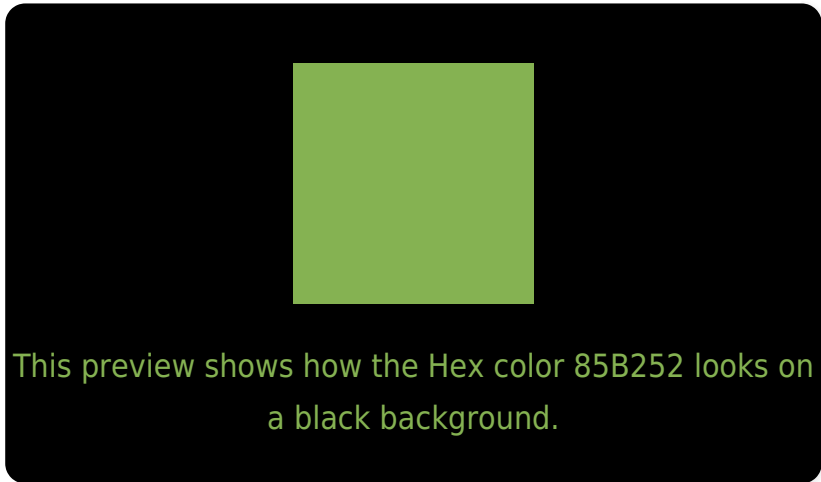
Large Text (above 18pt) WCAG AA × Fail

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 85B252 Background



This preview shows how black text looks on a background with the Hex color 85B252.

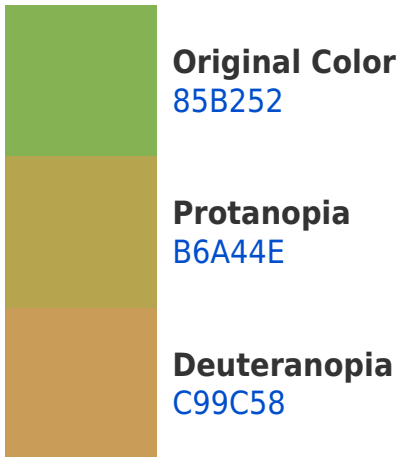


This preview shows how white text looks on a background with the Hex color 85B252.

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](#).

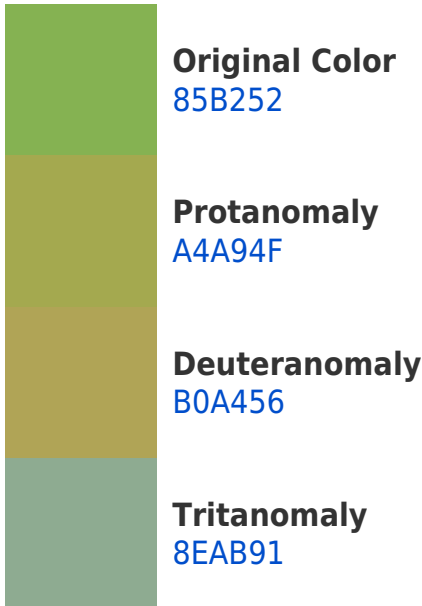
Dichromacy



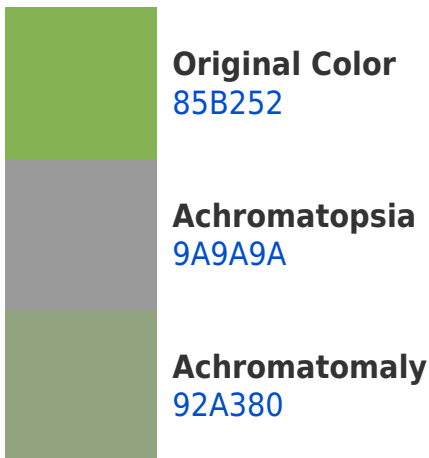


Tritanopia
93A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B252 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 #85B252 looks like.

```
.text, #text, p{  
    color:#85B252  
}
```

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 #85B252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B252
}
```

Border

The CSS property to change the border of an element to Hex 85B252 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
#85B252 }
```

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

```
.border{ border-color:#85B252 }
```

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

Here you see how a box with a 4 pixel #85B252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B252; -webkit-box-shadow:4px 4px  
4px 4px #85B252; box-shadow:4px 4px 4px  
4px #85B252 }
```

Background

The CSS property to change the background color of an element to Hex 85B252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B252 }
```

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

```
.background{ background-color:#85B252 }
```

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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