

Converting Colors

Hex(82C457)

Have a look what the booklet for
Hex(82C457) contains.

Hex(82C457)	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(82C457)

Conversions

Conversions Part 1

Format	Color
Hex	82C457
RGB	130, 196, 87
RGB Percent	51%, 77%, 34%
CMY	0.4902, 0.2314, 0.6588
CMYK	0.34, 0.00, 0.56, 0.23
HSL	96°, 48%, 55%
HSV	96°, 56%, 77%
XYZ	30.6661, 44.9138, 16.0698
YIQ	163.8400, -4.3470, -47.8910

Conversions

Conversions Part 2

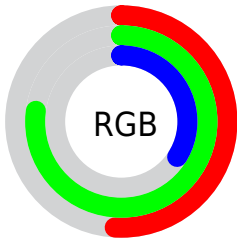
Format	Color
RYB	87, 196, 153
Decimal	8569943
CIELab	72.84, -39.98, 47.47
CIElCh	73, 62.061, 130.101
Yxy	44.9138, 0.3346, 0.4901
Android (android.graphics.Color)	4286760023 (0xFF82C457)
YUV	163.8400, -37.8821, -29.6777
Hunter-Lab	67.0178, -35.6026, 32.6956

Details

The Hex color **82C457** 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 **9957C4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BAFD8C**, and **4B8E23** is the 20% darker color. If you saturate the color by 10%, you get **76C443**, and if you desaturate by 10%, it is **8EC46B**.

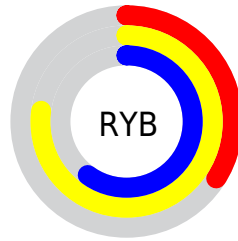
Distribution



Red (51%)

Green (77%)

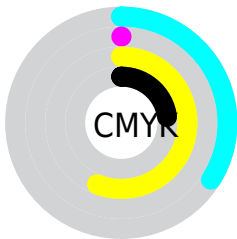
Blue (34%)



Red (34%)

Yellow (77%)

Blue (60%)

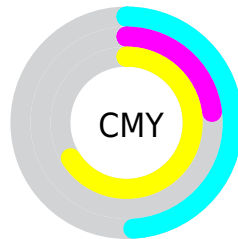


Cyan (34%)

Magenta (0%)

Yellow (56%)

Black (23%)



Cyan (49%)

Magenta (23%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82C457 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 82C457 by changing the saturation by 10% instead.



82C457



82C457

FFFFFF



67A83D



BAFD8C



4B8E23



D7FFA7



2F7400



F4FFC3



0E5B00



FFFFDF



004200



FFFFFC



002C00



001200



000000



82C457



82C457

 76C443

 8EC46B

 6AC430

 9AC47E

 5EC41C

 A6C492

 53C409

 B1C4A5

 4DC400

 BDC4B9

 C9C4CD

 D5C4E0

 E1C4F4

 EDC4FF

Harmonies

Analogous

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



C0B63A



82C457



00CC8A

Triad

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



82C457



00C3FF



FF7FA2

Complementary

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



82C457



9957C4

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.



FF86DB



82C457



6BB3FF

Square

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



82C457



00CCFB



CF9CFF



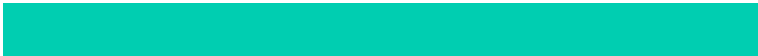
FF8C6C

Rectangle

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



82C457



00CEB1



CF9CFF



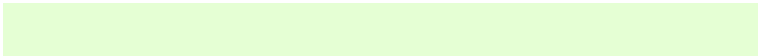
FF7FB5

Sweetspot

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



82C457



E5FFD4



C49857



708066



000000



808080

Same Dimension

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



82C457



98FF54



57C462



5B6157



3FA100



0D2100

Inverse Universe

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



9957C4



BC54FF



C457B9



5D5761



6100A1



140021

Previews

White Background



This preview shows how the Hex color 82C457 looks on a white background.

Color Contrast Check

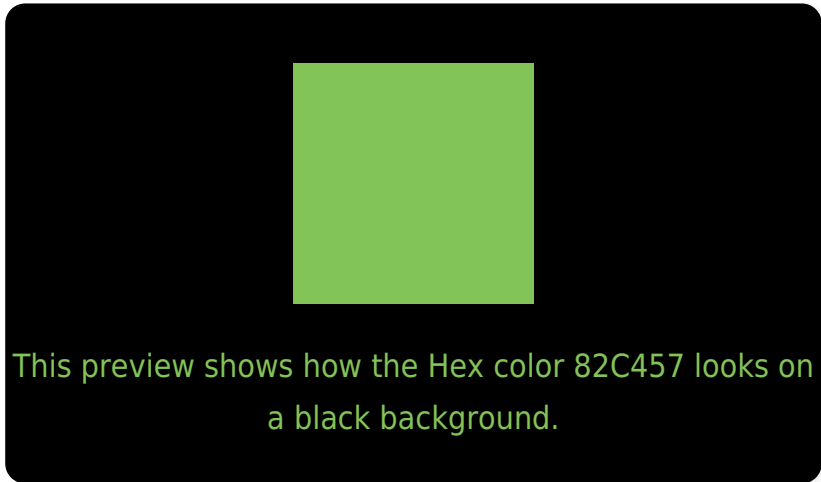
Large Text (above 18pt) WCAG AA × Fail

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 82C457 Background



This preview shows how black text looks on a background with the Hex color 82C457.

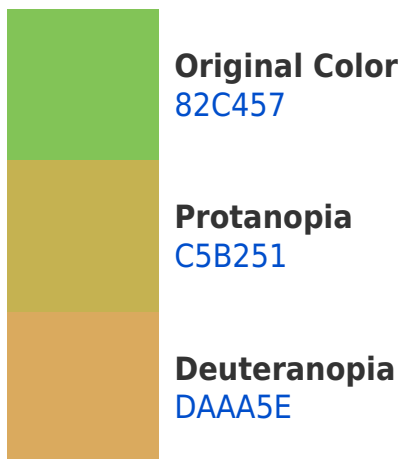


This preview shows how white text looks on a background with the Hex color 82C457.

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](#).

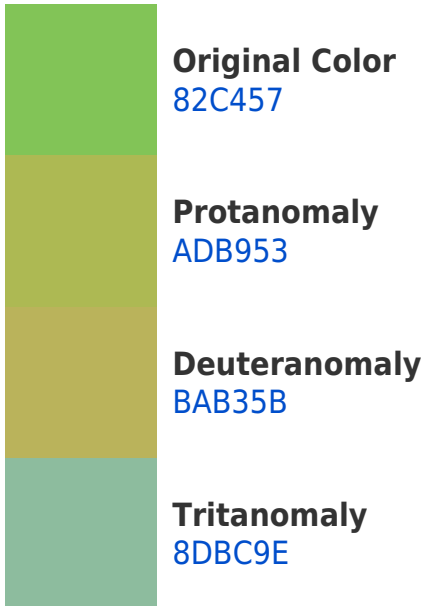
Dichromacy



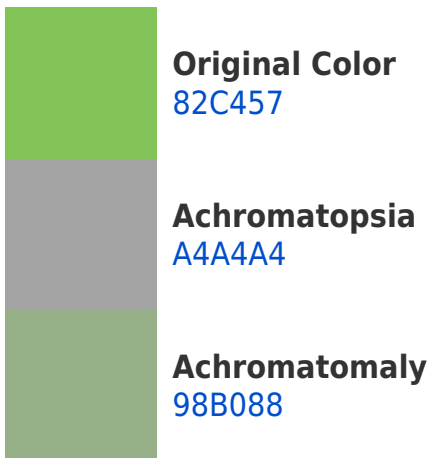


Tritanopia
93B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82C457 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 #82C457 looks like.

```
.text, #text, p{  
    color:#82C457  
}
```

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 #82C457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C457
}
```

Border

The CSS property to change the border of an element to Hex 82C457 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
#82C457 }
```

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

```
.border{ border-color:#82C457 }
```

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

Here you see how a box with a 4 pixel #82C457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C457; -webkit-box-shadow:4px 4px  
4px 4px #82C457; box-shadow:4px 4px 4px  
4px #82C457 }
```

Background

The CSS property to change the background color of an element to Hex 82C457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C457 }
```

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

```
.background{ background-color:#82C457 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor