

Converting Colors

Hex(82CE5B)

Have a look what the booklet for
Hex(82CE5B) contains.

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Color

Hex(82CE5B)

Conversions

Conversions Part 1

Format	Color
Hex	82CE5B
RGB	130, 206, 91
RGB Percent	51%, 81%, 36%
CMY	0.4902, 0.1922, 0.6431
CMYK	0.37, 0.00, 0.56, 0.19
HSL	100°, 54%, 58%
HSV	100°, 56%, 81%
XYZ	33.1656, 49.6438, 17.7317
YIQ	170.1660, -8.3810, -51.8770

Conversions

Conversions Part 2

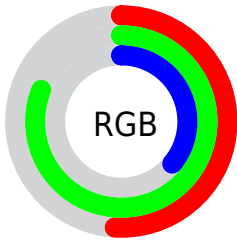
Format	Color
RYB	91, 206, 167
Decimal	8572507
CIELab	75.85, -43.90, 49.14
CIElCh	76, 65.895, 131.772
Yxy	49.6438, 0.3299, 0.4938
Android (android.graphics.Color)	4286762587 (0xFF82CE5B)
YUV	170.1660, -39.0288, -35.2256
Hunter-Lab	70.4583, -39.2801, 34.3998

Details

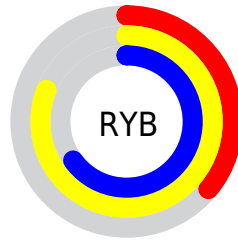
The Hex color **82CE5B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A75BCE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BBFF90**, and **4A9726** is the 20% darker color. If you saturate the color by 10%, you get **74CE46**, and if you desaturate by 10%, it is **90CE70**.

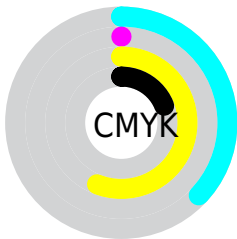
Distribution



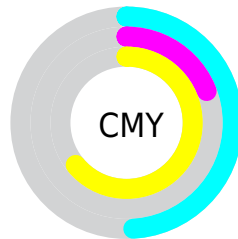
- Red (51%)
- Green (81%)
- Blue (36%)



- Red (36%)
- Yellow (81%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (56%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82CE5B 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 82CE5B by changing the saturation by 10% instead.

 82CE5B

 82CE5B

FFFFFF

 66B241

 BBFF90

 4A9726

 D7FFAC

 2D7D04

 F5FFC8

 036300

 FFFFE4

 004A00

 003300

 001D00

 000000

 82CE5B

 82CE5B

 74CE46

 90CE70

 67CE32

 9DCE84

 59CE1D

 ABCE99

 4CCE09

 B8CEAD

 46CE00

 C6CEC2

 D4CED7

 E1CEEB

 EFCEFF

 FDCEFF

Harmonies

Analogous

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



C5BF39



82CE5B



00D693

Triad

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



82CE5B



00CCFF



FF84A5

Complementary

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



82CE5B



A75BCE

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.



FF8AE2



82CE5B



74BAFF

Square

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



82CE5B



00D6FF



DDA1FF



FF936D

Rectangle

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



82CE5B



00D8BD



DDA1FF



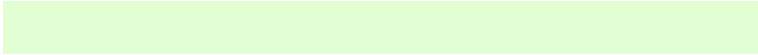
FF83BA

Sweetspot

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



82CE5B



E2FFD4



CEA65B



6F8066



000000



808080

Same Dimension

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



82CE5B



8EFF54



5BCE6C



5F665C



38A600



0D2600

Inverse Universe

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



A75BCE



C554FF



CE5BBD



635C66



6E00A6



190026

Previews

White Background



This preview shows how the Hex color 82CE5B 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



This preview shows how the Hex color 82CE5B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

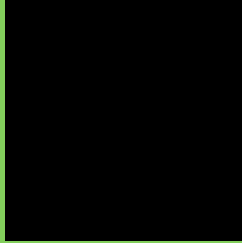
Any Text WCAG AA ✓ Pass

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 82CE5B Background



This preview shows how black text looks on a background with the Hex color 82CE5B.

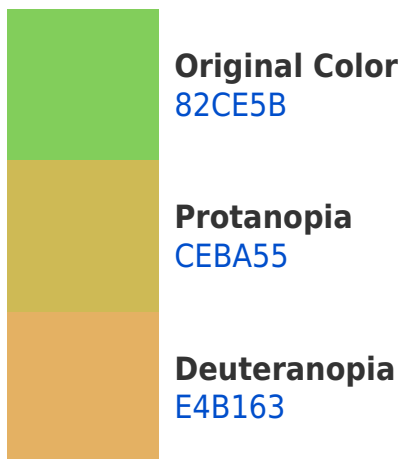


This preview shows how white text looks on a background with the Hex color 82CE5B.

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](#).

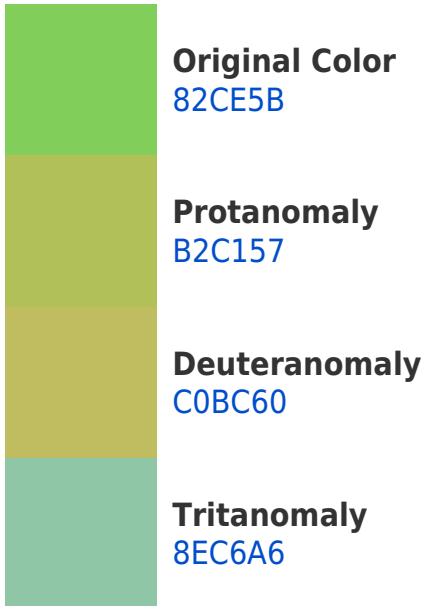
Dichromacy



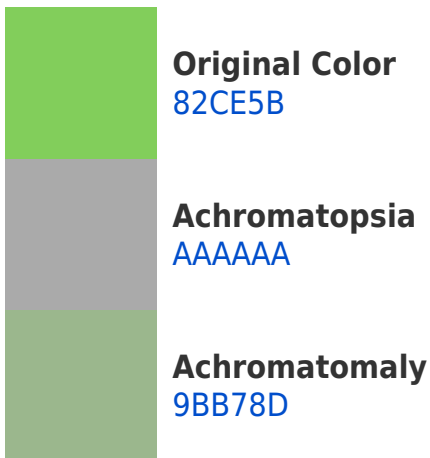


Tritanopia
95C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82CE5B 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 #82CE5B looks like.

```
.text, #text, p{  
    color:#82CE5B  
}
```

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 #82CE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82CE5B
}
```

Border

The CSS property to change the border of an element to Hex 82CE5B 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
#82CE5B }
```

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

```
.border{ border-color:#82CE5B }
```

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

Here you see how a box with a 4 pixel #82CE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82CE5B; -webkit-box-shadow:4px 4px  
4px 4px #82CE5B; box-shadow:4px 4px 4px  
4px #82CE5B }
```

Background

The CSS property to change the background color of an element to Hex 82CE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82CE5B }
```

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

```
.background{ background-color:#82CE5B }
```

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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