

Converting Colors

Hex(82BA45)

Have a look what the booklet for
Hex(82BA45) contains.

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Color

Hex(82BA45)

Conversions

Conversions Part 1

Format	Color
Hex	82BA45
RGB	130, 186, 69
RGB Percent	51%, 73%, 27%
CMY	0.4902, 0.2706, 0.7294
CMYK	0.30, 0.00, 0.63, 0.27
HSL	89°, 46%, 50%
HSV	89°, 63%, 73%
XYZ	27.8390, 40.2933, 11.9403
YIQ	155.9180, 4.1810, -48.2590

Conversions

Conversions Part 2

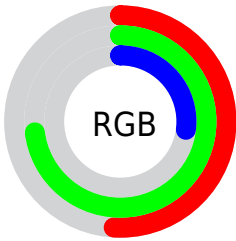
Format	Color
RYB	69, 186, 125
Decimal	8567365
CIELab	69.68, -37.25, 51.99
CIELCh	70, 63.956, 125.619
Yxy	40.2933, 0.3477, 0.5032
Android (android.graphics.Color)	4286757445 (0xFF82BA45)
YUV	155.9180, -42.8506, -22.7301
Hunter-Lab	63.4770, -32.8003, 33.2812

Details

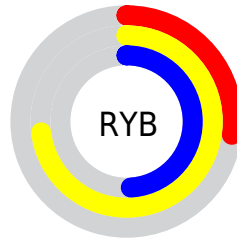
The Hex color **82BA45** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7D45BA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BAF27A**, and **4C8408** is the 20% darker color. If you saturate the color by 10%, you get **79BA32**, and if you desaturate by 10%, it is **8BBA58**.

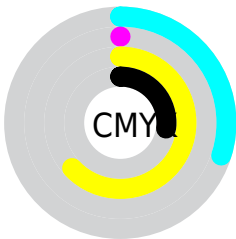
Distribution



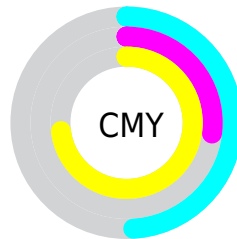
- Red (51%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82BA45 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 82BA45 by changing the saturation by 10% instead.

 82BA45

 82BA45

FFFFFF

 679F2A

 BAF27A

 4C8408

 D7FF95

 306B00

 F4FFB1

 135200

 FFFFCD

 003A00

 FFFFEA

 002600

 000000

 82BA45

 82BA45

 79BA32

 8BBA58

 70BA20

 94BA6A

 67BA0D

 9DBA7D

 61BA00

 A6BA8F

 AFBAA2

 B7BAB5

 C0BAC7

 C9BADA

 D2BAEC

Harmonies

Analogous

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



BFAB2A



82BA45



03C378

Triad

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



82BA45



00BDFE



FF74A2

Complementary

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



82BA45



7D45BA

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.



F97EDB



82BA45



3CADFF

Square

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



82BA45



00C5EC



BB96FF



FF7F6A

Rectangle

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



82BA45



00C69F



BB96FF



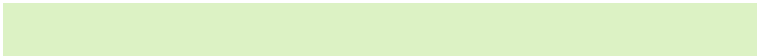
FF75B5

Sweetspot

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



82BA45



DCF2C4



BA7C45



6D7A5E



FAFAFA



7A7A7A

Same Dimension

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



82BA45



9BF23D



49BA45



575C53



519C00



0F1C00

Inverse Universe

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



7D45BA



943DF2



B645BA



57535C



4A009C



0D001C

Previews

White Background



This preview shows how the Hex color 82BA45 looks on a white background.

Color Contrast Check

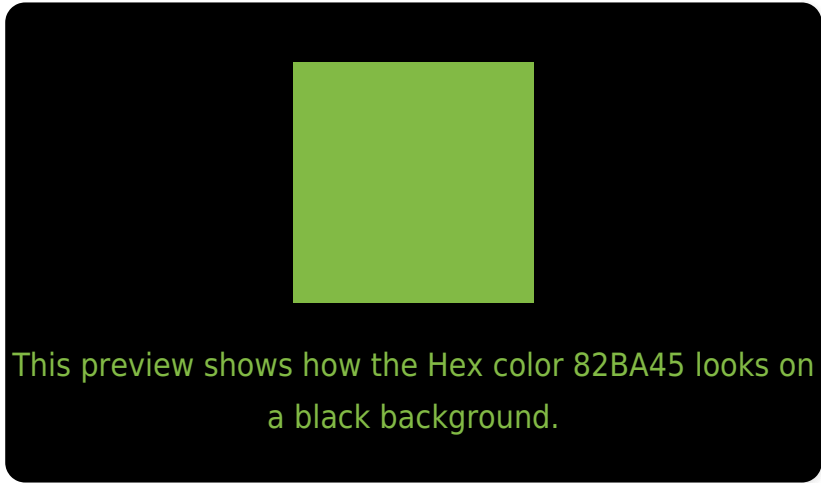
Large Text (above 18pt) WCAG AA × Fail

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 82BA45 Background



This preview shows how black text looks on a background with the Hex color 82BA45.

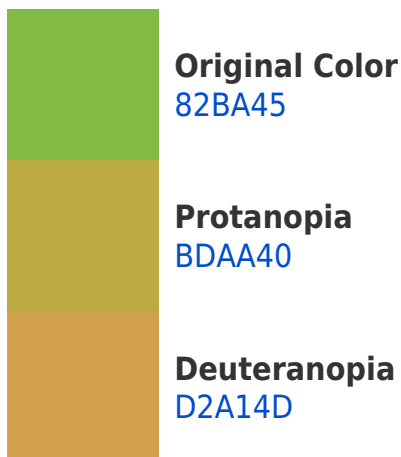


This preview shows how white text looks on a background with the Hex color 82BA45.

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](#).

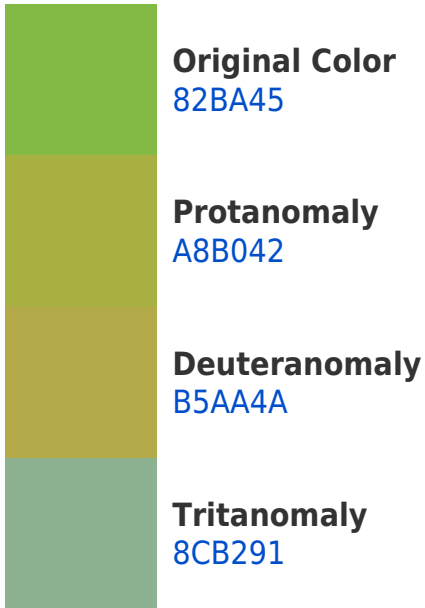
Dichromacy



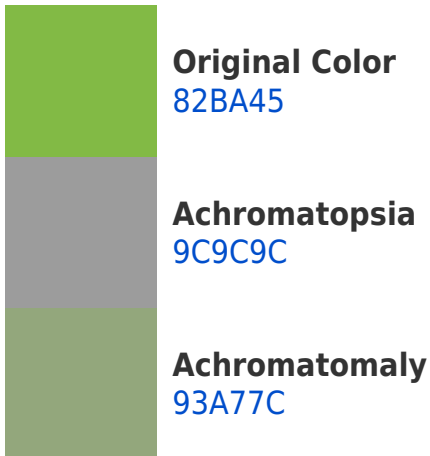


Tritanopia
92AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82BA45 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 #82BA45 looks like.

```
.text, #text, p{  
    color:#82BA45  
}
```

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 #82BA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BA45
}
```

Border

The CSS property to change the border of an element to Hex 82BA45 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
#82BA45 }
```

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

```
.border{ border-color:#82BA45 }
```

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

Here you see how a box with a 4 pixel #82BA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BA45; -webkit-box-shadow:4px 4px  
4px 4px #82BA45; box-shadow:4px 4px 4px  
4px #82BA45 }
```

Background

The CSS property to change the background color of an element to Hex 82BA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BA45 }
```

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

```
.background{ background-color:#82BA45 }
```

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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