

Converting Colors

Hex(B8EA72)

Have a look what the booklet for
Hex(B8EA72) contains.

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Color

Hex(B8EA72)

Conversions

Conversions Part 1

Format	Color
Hex	B8EA72
RGB	184, 234, 114
RGB Percent	72%, 92%, 45%
CMY	0.2784, 0.0824, 0.5529
CMYK	0.21, 0.00, 0.51, 0.08
HSL	85°, 74%, 68%
HSV	85°, 51%, 92%
XYZ	52.2272, 70.2509, 26.7267
YIQ	205.3700, 8.7200, -47.9200

Conversions

Conversions Part 2

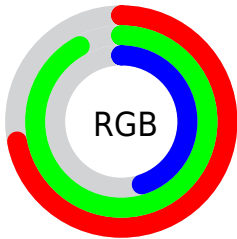
Format	Color
RYB	114, 234, 164
Decimal	12118642
CIELab	87.12, -34.95, 52.57
CIELCh	87, 63.125, 123.617
Yxy	70.2509, 0.3500, 0.4708
Android (android.graphics.Color)	4290308722 (0xFFB8EA72)
YUV	205.3700, -45.0454, -18.7415
Hunter-Lab	83.8158, -35.4509, 39.7650

Details

The Hex color **B8EA72** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A472EA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F2FFA8**, and **80B23D** is the 20% darker color. If you saturate the color by 10%, you get **AEEA5B**, and if you desaturate by 10%, it is **C2EA89**.

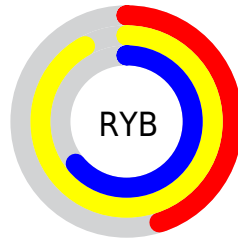
Distribution



Red (72%)

Green (92%)

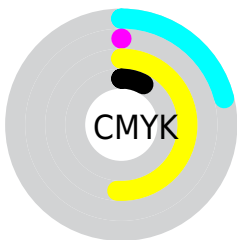
Blue (45%)



Red (45%)

Yellow (92%)

Blue (64%)

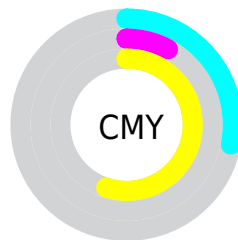


Cyan (21%)

Magenta (0%)

Yellow (51%)

Black (8%)



Cyan (28%)

Magenta (8%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8EA72 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 B8EA72 by changing the saturation by 10% instead.

 B8EA72

 B8EA72

FFFFFF

 9CCE58

 F2FFA8

 80B23D

 FFFFC4

 659721

 FFFFE1

 4A7D00

FFFFFFE

 2F6400

 114B00

 003400

 002000

 000000

 B8EA72

 B8EA72

 AEEA5B

 C2EA89

 A5EA43

 CBEEA1

 9BEA2C

 D5EAB8

 91EA14

 DFEAD0

 89EA00

 E9EAE7

 F3EAFE

 FCEAFF

 FFEAFF

Harmonies

Analogous

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



F6D95D



B8EA72



65F4A3

Triad

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



B8EA72



00EEFF



FFA7D5

Complementary

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



B8EA72



A472EA

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.



FFB1FF



B8EA72



7ADEFF

Square

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



B8EA72



00F7FF



E8C8FF



FFAF9B

Rectangle

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



B8EA72



00F8CB



E8C8FF



FFA8EA

Sweetspot

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



B8EA72



EFFFD9



EAA472



768069



000000



808080

Same Dimension

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



B8EA72



BDFF61



7EEA72



70756A



6AB500



1F3600

Inverse Universe

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



A472EA



A361FF



E072EA



6E6A75



4B00B5



160036

Previews

White Background



This preview shows how the Hex color B8EA72 looks on a white background.

Color Contrast Check

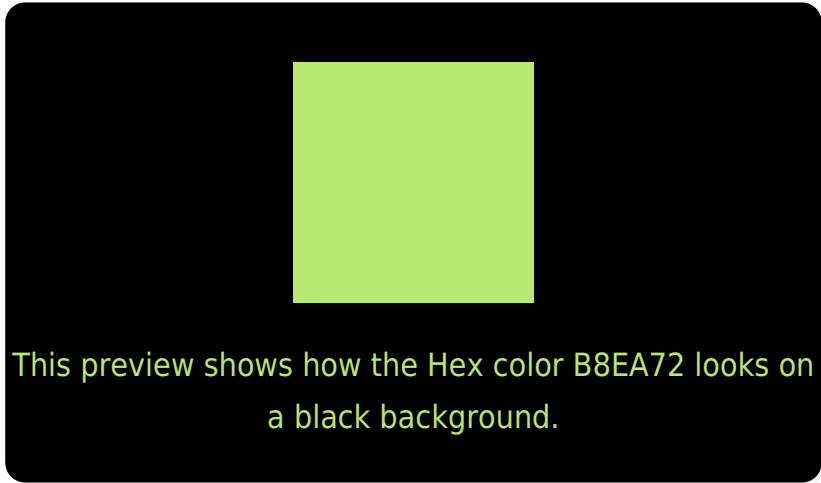
Large Text (above 18pt) WCAG AA × Fail

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 B8EA72 Background



This preview shows how black text looks on a background with the Hex color B8EA72.

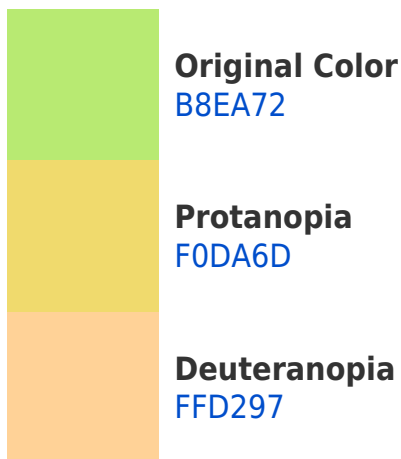


This preview shows how white text looks on a background with the Hex color B8EA72.

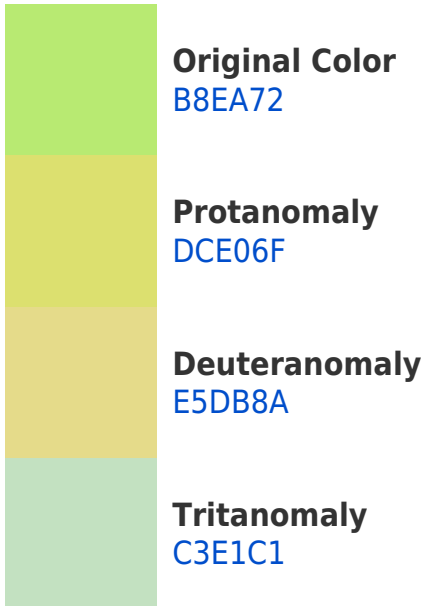
Color Blindness Simulation

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](#).

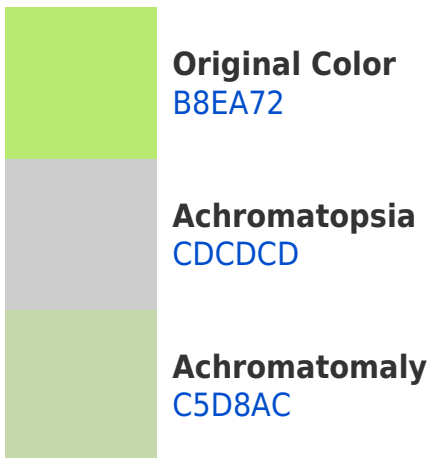
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8EA72 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 #B8EA72 looks like.

```
.text, #text, p{  
    color:#B8EA72  
}
```

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 #B8EA72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8EA72
}
```

Border

The CSS property to change the border of an element to Hex B8EA72 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
#B8EA72 }
```

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

```
.border{ border-color:#B8EA72 }
```

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

Here you see how a box with a 4 pixel #B8EA72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8EA72; -webkit-box-shadow:4px 4px  
4px 4px #B8EA72; box-shadow:4px 4px 4px  
4px #B8EA72 }
```

Background

The CSS property to change the background color of an element to Hex B8EA72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8EA72 }
```

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

```
.background{ background-color:#B8EA72 }
```

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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