

Converting Colors

Hex(8EB85B)

Have a look what the booklet for
Hex(8EB85B) contains.

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Color

Hex(8EB85B)

Conversions

Conversions Part 1

Format	Color
Hex	8EB85B
RGB	142, 184, 91
RGB Percent	56%, 72%, 36%
CMY	0.4431, 0.2784, 0.6431
CMYK	0.23, 0.00, 0.51, 0.28
HSL	87°, 40%, 54%
HSV	87°, 51%, 72%
XYZ	30.1841, 40.7871, 16.1794
YIQ	160.8400, 4.8210, -37.8270

Conversions

Conversions Part 2

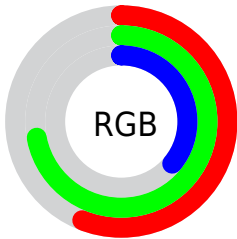
Format	Color
RYB	91, 184, 133
Decimal	9353307
CIELab	70.03, -29.68, 42.39
CIELCh	70, 51.744, 124.996
Yxy	40.7871, 0.3463, 0.4680
Android (android.graphics.Color)	4287543387 (0xFF8EB85B)
YUV	160.8400, -34.4311, -16.5227
Hunter-Lab	63.8648, -27.3996, 29.6850

Details

The Hex color **8EB85B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **855BB8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C5F08F**, and **598329** is the 20% darker color. If you saturate the color by 10%, you get **86B849**, and if you desaturate by 10%, it is **96B86D**.

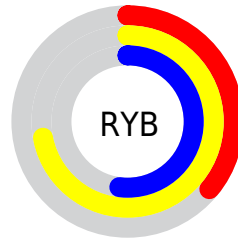
Distribution



Red (56%)

Green (72%)

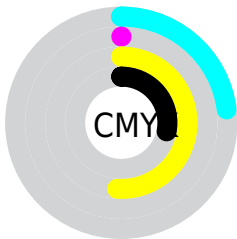
Blue (36%)



Red (36%)

Yellow (72%)

Blue (52%)

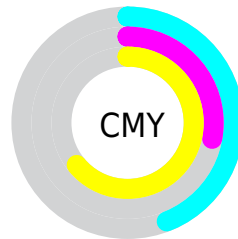


Cyan (23%)

Magenta (0%)

Yellow (51%)

Black (28%)



Cyan (44%)

Magenta (28%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EB85B 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 8EB85B by changing the saturation by 10% instead.



8EB85B



8EB85B

FFFFFF



739D42



C5F08F



598329



E2FFAA



3F690D



FFFFC6



265100



FFFFE3



093900



002400



000000



8EB85B



8EB85B



86B849



96B86D

 7DB836

 9FB880

 75B824

 A7B892

 6DB811

 AFB8A5

 65B800

 B8B8B7

 C0B8C9

 C8B8DC

 D0B8EE

 D9B8FF

Harmonies

Analogous

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



BFAB4A



8EB85B



4CC082

Triad

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



8EB85B



00BBFF



FF83A5

Complementary

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



8EB85B



855BB8

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.



EB8AD4



8EB85B



66AEFF

Square

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



8EB85B



00C1E0



B99CF8



FF8A78

Rectangle

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



8EB85B



00C2A1



B99CF8



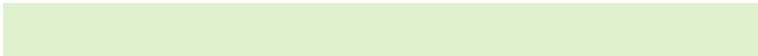
FE84B5

Sweetspot

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



8EB85B



DFF0CC



B8855B



6E7862



F7F7F7



787878

Same Dimension

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



8EB85B



AEF05D



60B85B



585C53



559C00



0F1C00

Inverse Universe

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



855BB8



A05DF0



B35BB8



57535C



46009C



0D001C

Previews

White Background



This preview shows how the Hex color 8EB85B looks on a white background.

Color Contrast Check

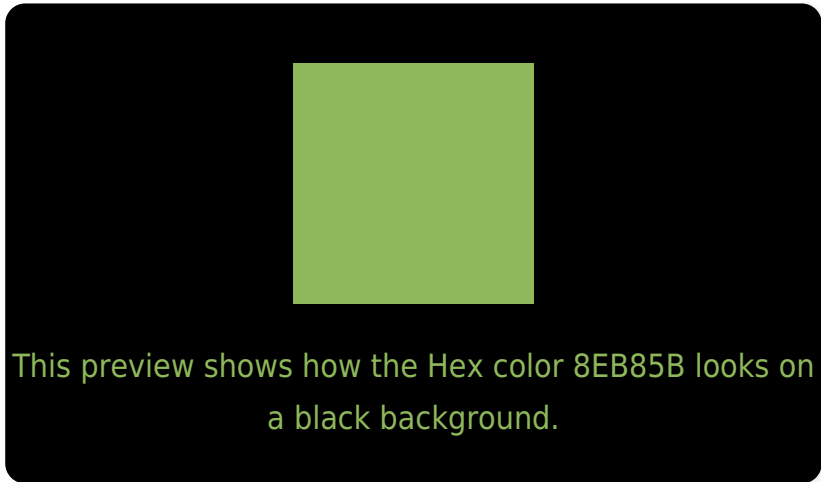
Large Text (above 18pt) WCAG AA × Fail

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 8EB85B Background



This preview shows how black text looks on a background with the Hex color 8EB85B.

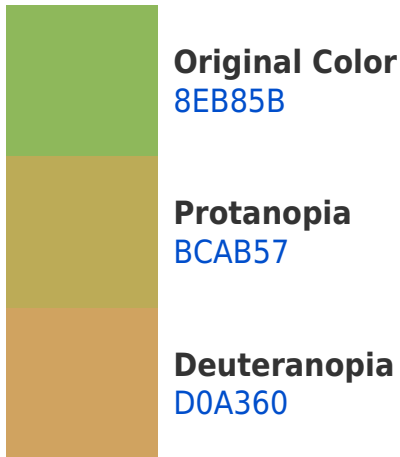


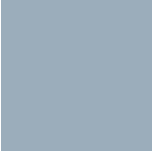
This preview shows how white text looks on a background with the Hex color 8EB85B.

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](#).

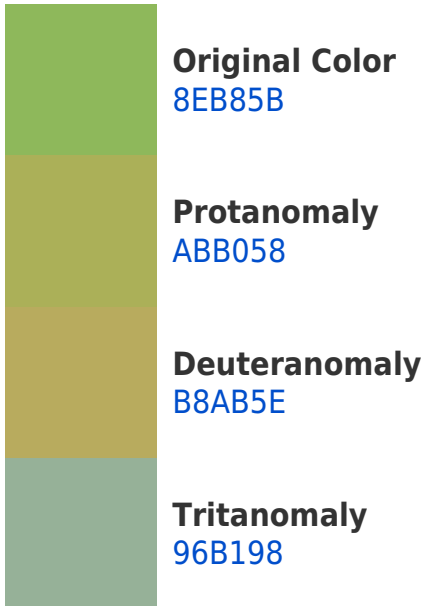
Dichromacy



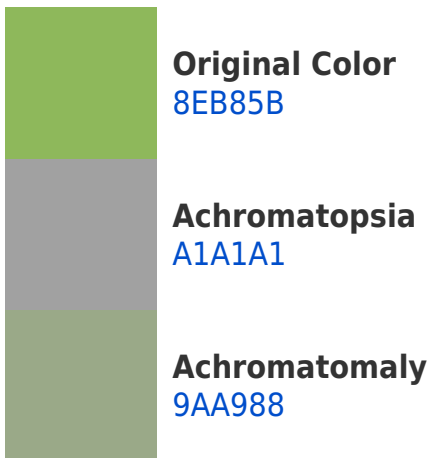


Tritanopia
9BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EB85B 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 #8EB85B looks like.

```
.text, #text, p{  
    color:#8EB85B  
}
```

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 #8EB85B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB85B
}
```

Border

The CSS property to change the border of an element to Hex 8EB85B 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
#8EB85B }
```

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

```
.border{ border-color:#8EB85B }
```

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

Here you see how a box with a 4 pixel #8EB85B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB85B; -webkit-box-shadow:4px 4px  
4px 4px #8EB85B; box-shadow:4px 4px 4px  
4px #8EB85B }
```

Background

The CSS property to change the background color of an element to Hex 8EB85B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB85B }
```

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

```
.background{ background-color:#8EB85B }
```

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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