

Converting Colors

Hex(8EB737)

Have a look what the booklet for
Hex(8EB737) contains.

Hex(8EB737)	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(8EB737)

Conversions

Conversions Part 1

Format	Color
Hex	8EB737
RGB	142, 183, 55
RGB Percent	56%, 72%, 22%
CMY	0.4431, 0.2824, 0.7843
CMYK	0.22, 0.00, 0.70, 0.28
HSL	79°, 54%, 47%
HSV	79°, 70%, 72%
XYZ	28.7784, 39.8936, 9.7979
YIQ	156.1490, 16.6520, -48.5000

Conversions

Conversions Part 2

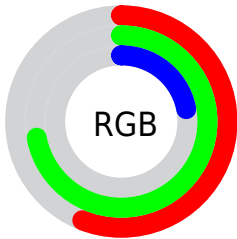
Format	Color
RYB	55, 183, 96
Decimal	9353015
CIELab	69.39, -32.33, 57.61
CIELCh	69, 66.059, 119.301
Yxy	39.8936, 0.3667, 0.5084
Android (android.graphics.Color)	4287543095 (0xFF8EB737)
YUV	156.1490, -49.8665, -12.4087
Hunter-Lab	63.1614, -29.2019, 35.0156

Details

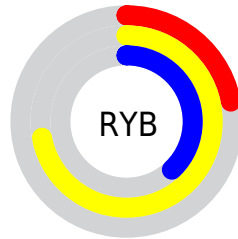
The Hex color **8EB737** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6037B7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C7EF6D**, and **578200** is the 20% darker color. If you saturate the color by 10%, you get **88B725**, and if you desaturate by 10%, it is **94B749**.

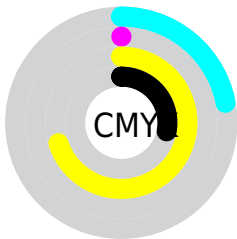
Distribution



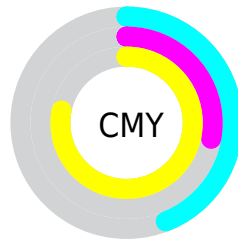
- Red (56%)
- Green (72%)
- Blue (22%)



- Red (22%)
- Yellow (72%)
- Blue (38%)



- Cyan (22%)
- Magenta (0%)
- Yellow (70%)
- Black (28%)



- Cyan (44%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EB737 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 8EB737 by changing the saturation by 10% instead.



8EB737



8EB737

FFFFFF



729C18



C7EF6D



578200



E4FF88



3C6800



FFFFA4



215000



FFFFC0



003900



FFFFDD



002400



FFFFFA



000000



8EB737



8EB737



88B725



94B749

 82B712

 9AB75C

 7CB700

 A0B76E

 A5B780

 ABB793

 B1B7A5

 B7B7B7

 BDB7C9

 C3B7DC

Harmonies

Analogous

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



C9A623



8EB737



31C169

Triad

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



8EB737



00BFFF



FF71AD

Complementary

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



8EB737



6037B7

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.



F080E8



8EB737



00B1FF

Square

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



8EB737



00C5E2



A79AFF



FF7872

Rectangle

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



8EB737



00C591



A79AFF



FF74C2

Sweetspot

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



8EB737



DDEDBB



B76037



6E785A



F7F7F7



787878

Same Dimension

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



8EB737



ADED26



4EB737



595C53



6A9C00



131C00

Inverse Universe

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



6037B7



6626ED



A037B7



56535C



32009C



09001C

Previews

White Background



This preview shows how the Hex color 8EB737 looks on a white background.

Color Contrast Check

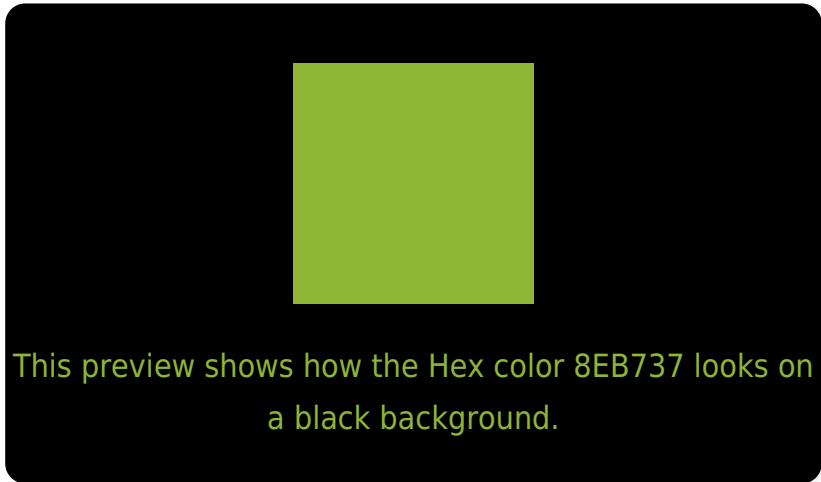
Large Text (above 18pt) WCAG AA × Fail

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 8EB737 Background



This preview shows how black text looks on a background with the Hex color 8EB737.

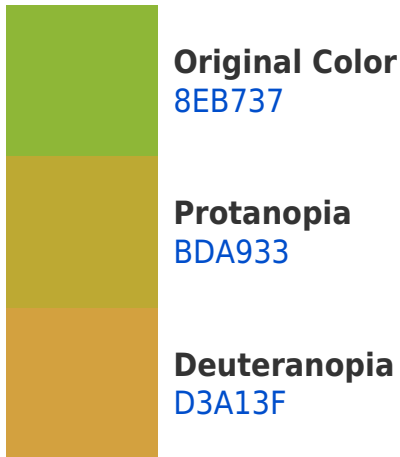


This preview shows how white text looks on a background with the Hex color 8EB737.

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
9DABB8

Trichromacy



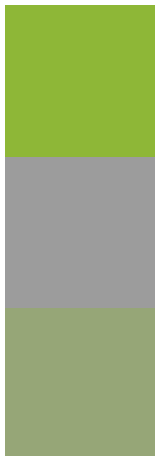
Original Color
8EB737

Protanomaly
ACAE34

Deuteranomaly
BAA93C

Tritanomaly
98AF89

Monochromacy



Original Color
8EB737

Achromatopsia
9C9C9C

Achromatomaly
97A677

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EB737 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 #8EB737 looks like.

```
.text, #text, p{  
    color:#8EB737  
}
```

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 #8EB737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB737
}
```

Border

The CSS property to change the border of an element to Hex 8EB737 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
#8EB737 }
```

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

```
.border{ border-color:#8EB737 }
```

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

Here you see how a box with a 4 pixel #8EB737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB737; -webkit-box-shadow:4px 4px  
4px 4px #8EB737; box-shadow:4px 4px 4px  
4px #8EB737 }
```

Background

The CSS property to change the background color of an element to Hex 8EB737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB737 }
```

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

```
.background{ background-color:#8EB737 }
```

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