

Converting Colors

Hex(8EB13B)

Have a look what the booklet for
Hex(8EB13B) contains.

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Color

Hex(8EB13B)

Conversions

Conversions Part 1

Format	Color
Hex	8EB13B
RGB	142, 177, 59
RGB Percent	56%, 69%, 23%
CMY	0.4431, 0.3059, 0.7686
CMYK	0.20, 0.00, 0.67, 0.31
HSL	78°, 50%, 46%
HSV	78°, 67%, 69%
XYZ	27.6669, 37.5108, 9.9198
YIQ	153.0830, 17.0180, -44.1180

Conversions

Conversions Part 2

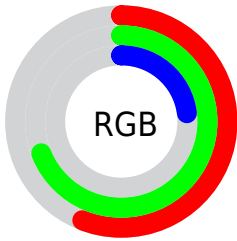
Format	Color
RYB	59, 177, 94
Decimal	9351483
CIELab	67.66, -29.23, 54.25
CIELCh	68, 61.619, 118.317
Yxy	37.5108, 0.3684, 0.4995
Android (android.graphics.Color)	4287541563 (0xFF8EB13B)
YUV	153.0830, -46.3829, -9.7198
Hunter-Lab	61.2461, -26.5463, 33.2693

Details

The Hex color **8EB13B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5E3BB1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C6E970**, and **587C00** is the 20% darker color. If you saturate the color by 10%, you get **89B129**, and if you desaturate by 10%, it is **93B14D**.

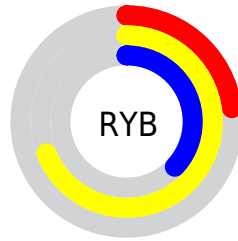
Distribution



Red (56%)

Green (69%)

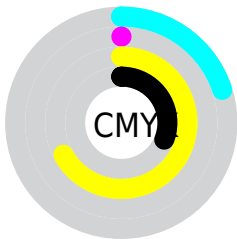
Blue (23%)



Red (23%)

Yellow (69%)

Blue (37%)

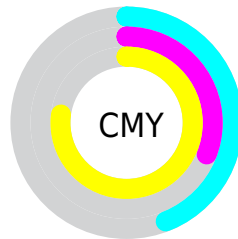


Cyan (20%)

Magenta (0%)

Yellow (67%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EB13B 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 8EB13B by changing the saturation by 10% instead.



8EB13B



8EB13B

FFFFFF



73961E



C6E970



587C00



E3FF8B



3D6300



FFFFA7



234B00



FFFFC3



033400



FFFFDF



002100

FFFFFD



000000



8EB13B



8EB13B



89B129



93B14D

■ 84B118

■ 99B15E

■ 7EB106

■ 9EB170

■ 7DB100

■ A3B182

■ A8B194

■ AEB1A5

■ B3B1B7

■ B8B1C9

■ BDB1DA

Harmonies

Analogous

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



C5A12C



8EB13B



3FBB68

Triad

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



8EB13B



00B9FF



FF72AA

Complementary

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



8EB13B



5E3BB1

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.



E580E0



8EB13B



00ACFF

Square

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



8EB13B



00BFD8



A097FF



FF7873

Rectangle

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



8EB13B



00BE8C



A097FF



FF74BD

Sweetspot

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



8EB13B



D8E6B8



B15C3B



6B7357



F2F2F2



737373

Same Dimension

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



8EB13B



AFE62E



55B13B



575950



6C9900



121A00

Inverse Universe

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



5E3BB1



642EE6



973BB1



535059



2D0099



08001A

Previews

White Background



This preview shows how the Hex color 8EB13B looks on a white background.

Color Contrast Check

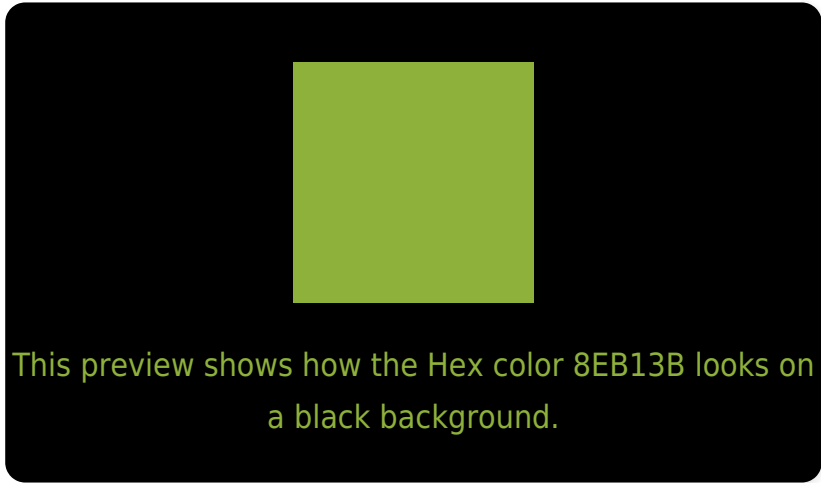
Large Text (above 18pt) WCAG AA × Fail

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 8EB13B Background



This preview shows how black text looks on a background with the Hex color 8EB13B.



This preview shows how white text looks on a background with the Hex color 8EB13B.

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



Original Color
8EB13B

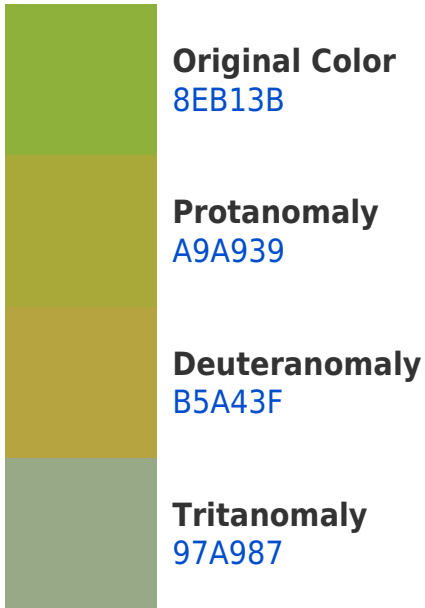
Protanopia
B8A538

Deuteranopia
CC9C42

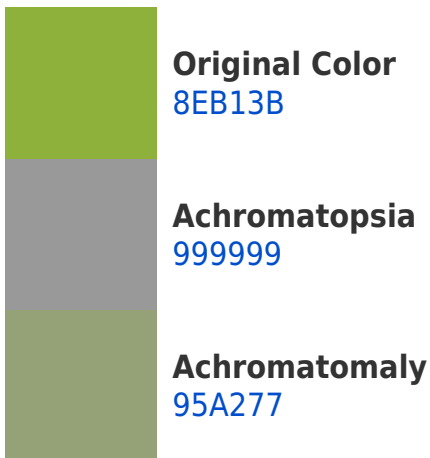


Tritanopia
9CA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EB13B 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 #8EB13B looks like.

```
.text, #text, p{  
    color:#8EB13B  
}
```

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 #8EB13B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB13B
}
```

Border

The CSS property to change the border of an element to Hex 8EB13B 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
#8EB13B }
```

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

```
.border{ border-color:#8EB13B }
```

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

Here you see how a box with a 4 pixel #8EB13B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB13B; -webkit-box-shadow:4px 4px  
4px 4px #8EB13B; box-shadow:4px 4px 4px  
4px #8EB13B }
```

Background

The CSS property to change the background color of an element to Hex 8EB13B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB13B }
```

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

```
.background{ background-color:#8EB13B }
```

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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