

Converting Colors

Hex(8EBF40)

Have a look what the booklet for
Hex(8EBF40) contains.

Hex(8EBF40)	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(8EBF40)

Conversions

Conversions Part 1

Format	Color
Hex	8EBF40
RGB	142, 191, 64
RGB Percent	56%, 75%, 25%
CMY	0.4431, 0.2510, 0.7490
CMYK	0.26, 0.00, 0.66, 0.25
HSL	83°, 50%, 50%
HSV	83°, 66%, 75%
XYZ	30.7115, 43.3826, 11.6055
YIQ	161.8710, 11.5630, -49.8850

Conversions

Conversions Part 2

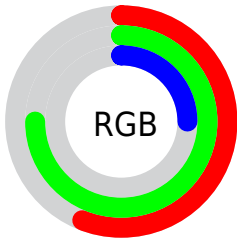
Format	Color
RYB	64, 191, 113
Decimal	9355072
CIELab	71.81, -35.41, 56.58
CIELCh	72, 66.741, 122.038
Yxy	43.3826, 0.3584, 0.5062
Android (android.graphics.Color)	4287545152 (0xFF8EBF40)
YUV	161.8710, -48.2504, -17.4269
Hunter-Lab	65.8654, -32.0340, 35.6589

Details

The Hex color **8EBF40** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **7140BF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C7F876**, and **578900** is the 20% darker color. If you saturate the color by 10%, you get **87BF2D**, and if you desaturate by 10%, it is **95BF53**.

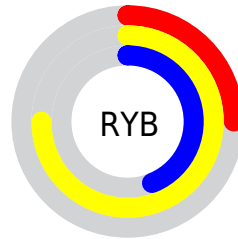
Distribution



Red (56%)

Green (75%)

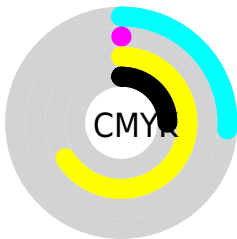
Blue (25%)



Red (25%)

Yellow (75%)

Blue (44%)

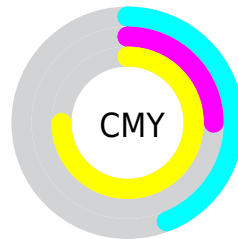


Cyan (26%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (44%)

Magenta (25%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EBF40 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 8EBF40 by changing the saturation by 10% instead.



8EBF40



8EBF40

FFFFFF



72A423



C7F876



578900



E4FF91



3C7000



FFFFAD



215700



FFFFC9



003F00



FFFFE6



002900



000C00



000000



8EBF40



8EBF40

 87BF2D

 95BF53

 7FBF1A

 9DBF66

 78BF07

 A4BF79

 75BF00

 ABBF8C

 B3BFA0

 BABFB3

 C2BFC6

 C9BFD9

 D0BFEC

Harmonies

Analogous

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



CCA E28



8EB F40



26C 974

Triad

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



8EBF40



00C5FF



FF76AE

Complementary

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



8EBF40



7140BF

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.



FD84EA



8EBF40



00B6FF

Square

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



8EBF40



00CCEF



B69EFF



FF8073

Rectangle

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



8EBF40



00CC9D



B69EFF



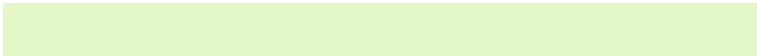
FF79C3

Sweetspot

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



8EBF40



E4F7C6



BF7140



717D5F



FCFCFC



7D7D7D

Same Dimension

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



8EBF40



ABF731



4FBF40



5B5E55



619E00



131F00

Inverse Universe

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



7140BF



7E31F7



B040BF



59555E



3D009E



0C001F

Previews

White Background



This preview shows how the Hex color 8EBF40 looks on a white background.

Color Contrast Check

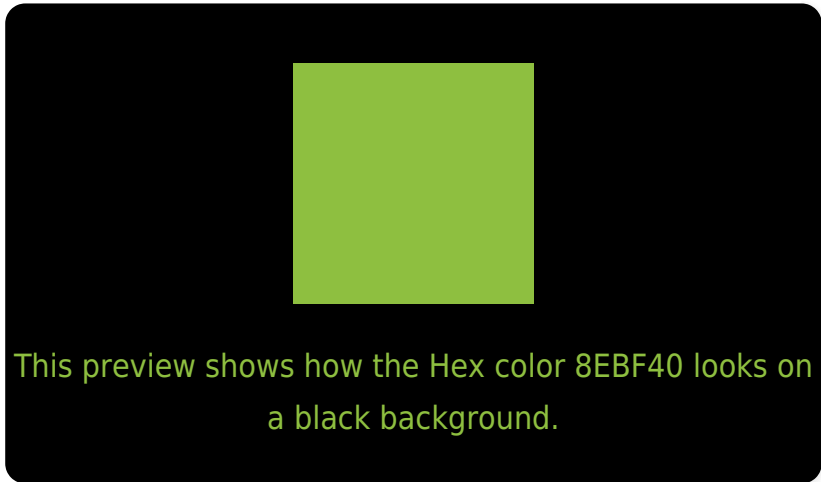
Large Text (above 18pt) WCAG AA × Fail

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 8EBF40 Background



This preview shows how black text looks on a background with the Hex color 8EBF40.

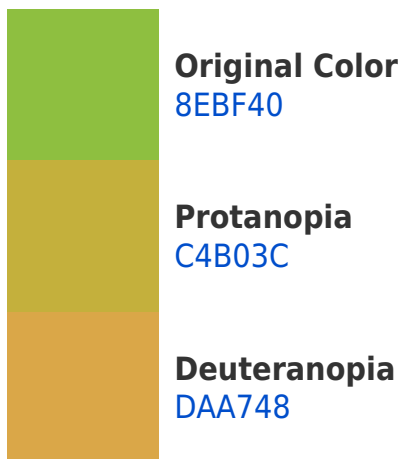


This preview shows how white text looks on a background with the Hex color 8EBF40.

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
9EB3C1

Trichromacy



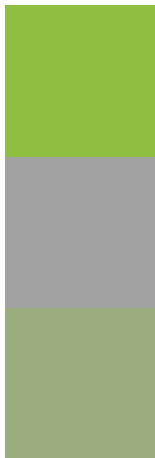
Original Color
8EBF40

Protanomaly
B0B53D

Deuteranomaly
BEB045

Tritanomaly
98B792

Monochromacy



Original Color
8EBF40

Achromatopsia
A2A2A2

Achromatomaly
9BAD7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EBF40 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 #8EBF40 looks like.

```
.text, #text, p{  
    color:#8EBF40  
}
```

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 #8EBF40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EBF40
}
```

Border

The CSS property to change the border of an element to Hex 8EBF40 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
#8EBF40 }
```

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

```
.border{ border-color:#8EBF40 }
```

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

Here you see how a box with a 4 pixel #8EBF40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EBF40; -webkit-box-shadow:4px 4px  
4px 4px #8EBF40; box-shadow:4px 4px 4px  
4px #8EBF40 }
```

Background

The CSS property to change the background color of an element to Hex 8EBF40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EBF40 }
```

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

```
.background{ background-color:#8EBF40 }
```

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