

Converting Colors

Hex(3EBA40)

Have a look what the booklet for
Hex(3EBA40) contains.

Hex(3EBA40)	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(3EBA40)

Conversions

Conversions Part 1

Format	Color
Hex	3EBA40
RGB	62, 186, 64
RGB Percent	24%, 73%, 25%
CMY	0.7569, 0.2706, 0.7490
CMYK	0.67, 0.00, 0.66, 0.27
HSL	121°, 50%, 49%
HSV	121°, 67%, 73%
XYZ	20.4709, 36.5121, 10.8191
YIQ	135.0160, -34.7420, -64.2300

Conversions

Conversions Part 2

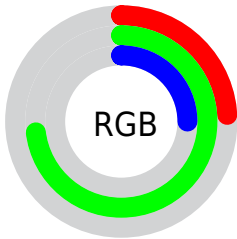
Format	Color
RYB	62, 184, 186
Decimal	4110912
CIELab	66.91, -57.66, 50.31
CIELCh	67, 76.522, 138.891
Yxy	36.5121, 0.3019, 0.5385
Android (android.graphics.Color)	4282300992 (0xFF3EBA40)
YUV	135.0160, -35.0109, -64.0350
Hunter-Lab	60.4253, -45.2718, 31.6818

Details

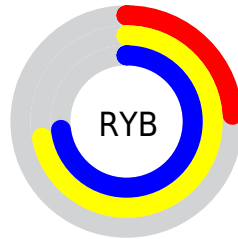
The Hex color **3EBA40** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA3EB8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7DF375**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **2BBA2E**, and if you desaturate by 10%, it is **51BA52**.

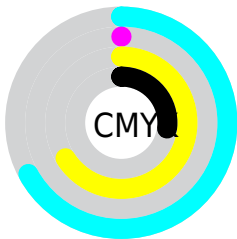
Distribution



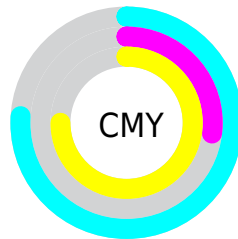
- Red (24%)
- Green (73%)
- Blue (25%)



- Red (24%)
- Yellow (72%)
- Blue (73%)



- Cyan (67%)
- Magenta (0%)
- Yellow (66%)
- Black (27%)



- Cyan (76%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3EBA40 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 3EBA40 by changing the saturation by 10% instead.

 3EBA40

 3EBA40

FFFFFF

 119E25


 7DF375

 008300

 9AFF90

 006900

 B8FFAB

 005000

 D6FFC7

 003800

 F4FFE4


 002000

 000000

 3EBA40

 3EBA40

 2BBA2E

 51BA52

 19BA1B

 63BA65

 06BA09

 76BA77

 00BA03

 88BA89

 9BBA9C

 AEBAAE

 C0BAC0

 D3BAD2

 E5BAE5

Harmonies

Analogous

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



9AAD00



3EBA40



00C186

Triad

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



3EBA40



00B2FF



FF5D7B

Complementary

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



3EBA40



BA3EB8

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.



FF5EBF



3EBA40



679CFF

Square

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



3EBA40



00BEFF



DB7BFE



FF783B

Rectangle

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



3EBA40



00C2B6



DB7BFE



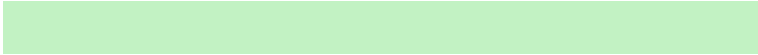
FF5991

Sweetspot

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



3EBA40



C2F2C3



BABA3E



5D7A5D



FAFAFA



7A7A7A

Same Dimension

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



3EBA40



30F234



3EBA7C



535C53



009C03



001C00

Inverse Universe

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



BA3EB8



F230EF



BA3E7C



5C535C



9C0099



1C001C

Previews

White Background



This preview shows how the Hex color 3EBA40 looks on a white background.

Color Contrast Check

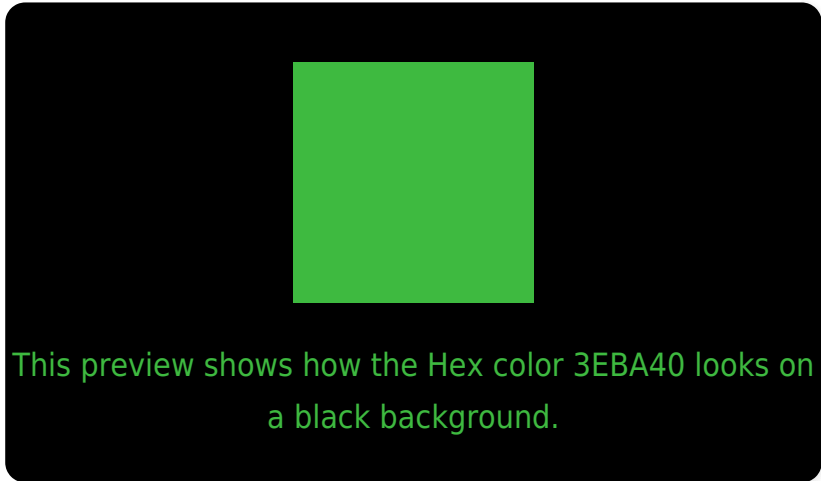
Large Text (above 18pt) WCAG AA × Fail

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

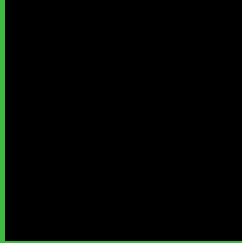
Any Text WCAG AA ✓ Pass

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 3EBA40 Background



This preview shows how black text looks on a background with the Hex color 3EBA40.

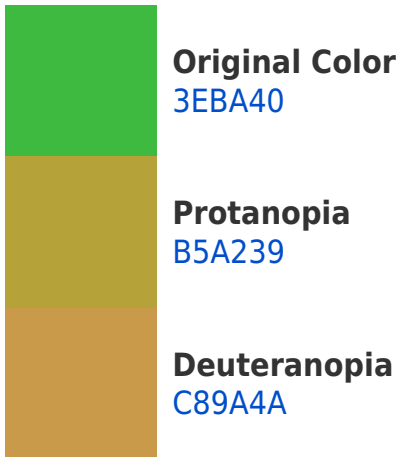


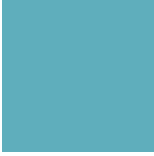
This preview shows how white text looks on a background with the Hex color 3EBA40.

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



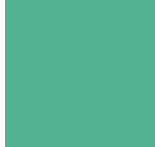
Original Color
3EBA40



Protanomaly
8AAB3C



Deuteranomaly
96A646



Tritanomaly
53B28F

Monochromacy



Original Color
3EBA40



Achromatopsia
878787



Achromatomaly
6C9A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EBA40 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 #3EBA40 looks like.

```
.text, #text, p{  
    color:#3EBA40  
}
```

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 #3EBA40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EBA40
}
```

Border

The CSS property to change the border of an element to Hex 3EBA40 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
#3EBA40 }
```

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

```
.border{ border-color:#3EBA40 }
```

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

Here you see how a box with a 4 pixel #3EBA40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EBA40; -webkit-box-shadow:4px 4px  
4px 4px #3EBA40; box-shadow:4px 4px 4px  
4px #3EBA40 }
```

Background

The CSS property to change the background color of an element to Hex 3EBA40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EBA40 }
```

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

```
.background{ background-color:#3EBA40 }
```

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