

# Converting Colors

Hex(3EB861)

Have a look what the booklet for  
Hex(3EB861) contains.

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# Color

**Hex(3EB861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EB861
RGB	62, 184, 97
RGB Percent	24%, 72%, 38%
CMY	0.7569, 0.2784, 0.6196
CMYK	0.66, 0.00, 0.47, 0.28
HSL	137°, 50%, 48%
HSV	137°, 66%, 72%
XYZ	21.2848, 36.1682, 17.1686
YIQ	137.6040, -44.7850, -52.9210

# Conversions

## Conversions Part 2

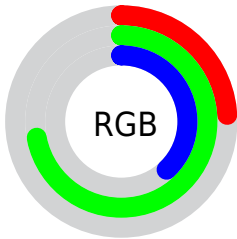
Format	Color
<a href="#">RYB</a>	<a href="#">62, 157, 184</a>
Decimal	<a href="#">4110433</a>
CIELab	<a href="#">66.65, -52.61, 34.45</a>
CIELCh	<a href="#">67, 62.885, 146.785</a>
Yxy	<a href="#">36.1682, 0.2852, 0.4847</a>
Android (android.graphics.Color)	<a href="#">4282300513 (0xFF3EB861)</a>
YUV	<a href="#">137.6040, -20.0178, -66.3047</a>
Hunter-Lab	<a href="#">60.1400, -42.0702, 25.1720</a>

# Details

The Hex color **3EB861** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B83E95**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7BF195**, and **008230** is the 20% darker color. If you saturate the color by 10%, you get **2CB854**, and if you desaturate by 10%, it is **50B86E**.

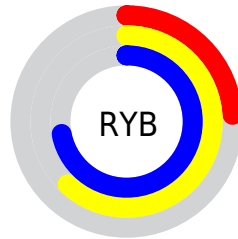
# Distribution



Red (24%)

Green (72%)

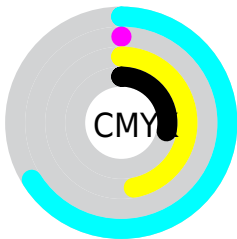
Blue (38%)



Red (24%)

Yellow (62%)

Blue (72%)

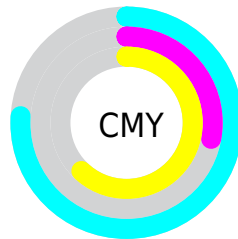


Cyan (66%)

Magenta (0%)

Yellow (47%)

Black (28%)



Cyan (76%)

Magenta (28%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EB861 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 3EB861 by changing the saturation by 10% instead.



 3EB861

 3EB861

FFFFFF

 159C48

 7BF195

 008230

 98FFB0

 006818

 B6FFCC

 004E00

 D3FFE8

 003600

 F1FFFF

 001F00

 000000

 3EB861

 3EB861

 2CB854

 50B86E

 19B847

 63B87B

 07B83A

 75B888

 00B835

 88B895

 9AB8A3

 ACB8B0

 BFB8BD

 D1B8CA

 E4B8D7

# Harmonies

## Analogous

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



8EAE34



3EB861



00BD9A

# Triad

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



3EB861



00AAFF



FF7373

# Complementary

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



3EB861



B83E95

# 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.



FF6DAB



3EB861



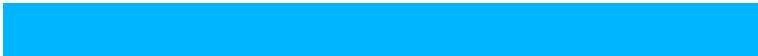
9896FF

# Square

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



3EB861



00B7FF



E17DE1



EF8743

# Rectangle

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



3EB861



00BDC1



E17DE1



FF6E85

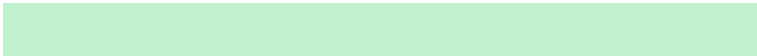


# Sweetspot

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



3EB861



C0F0CE



95B83E



5B7863



F7F7F7



787878



# Same Dimension

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



3EB861



30F067



3EB89E



535C55



009C2D



001C08



# Inverse Universe

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



B83E95



F030B9



B83E58



5C5359



9C006F



1C0014



# Previews

## White Background



This preview shows how the Hex color 3EB861 looks on a white background.

## Color Contrast Check

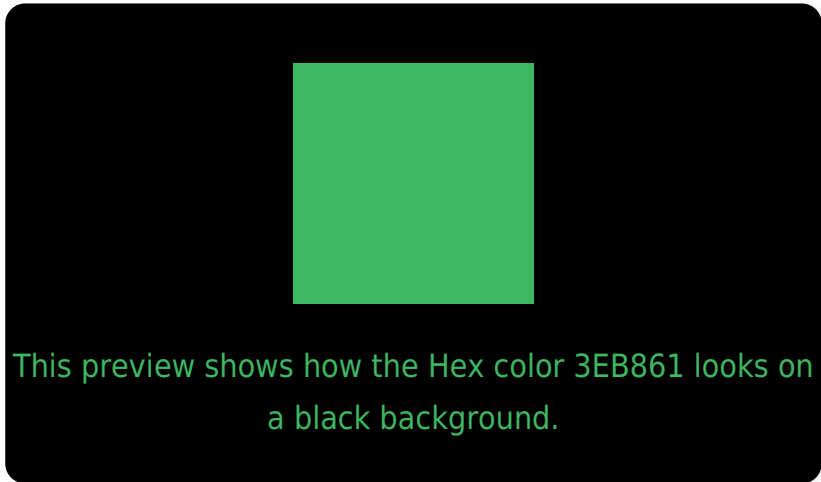
Large Text (above 18pt) WCAG AA × Fail

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

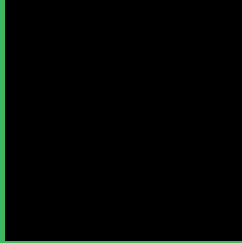
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EB861 Background



This preview shows how black text looks on a background with the Hex color 3EB861.

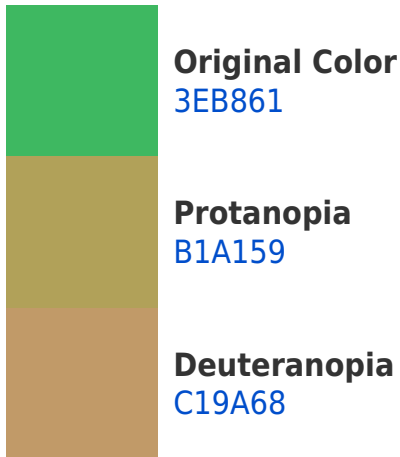


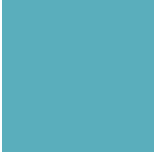
This preview shows how white text looks on a background with the Hex color 3EB861.

# 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



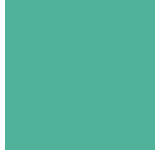
**Original Color**  
3EB861



**Protanomaly**  
87A95C



**Deuteranomaly**  
91A565



**Tritanomaly**  
50B29B

# Monochromacy



**Original Color**  
3EB861



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
6E9B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EB861 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 #3EB861 looks like.

```
.text, #text, p{  
    color:#3EB861  
}
```

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 #3EB861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB861
}
```

## Border

The CSS property to change the border of an element to Hex 3EB861 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
#3EB861 }
```

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

```
.border{ border-color:#3EB861 }
```

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

Here you see how a box with a 4 pixel #3EB861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB861; -webkit-box-shadow:4px 4px  
4px 4px #3EB861; box-shadow:4px 4px 4px  
4px #3EB861 }
```

# Background

The CSS property to change the background color of an element to Hex 3EB861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB861 }
```

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

```
.background{ background-color:#3EB861 }
```

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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