

# Converting Colors

Hex(3EB96D)

Have a look what the booklet for  
Hex(3EB96D) contains.

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**Color**

**Hex(3EB96D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EB96D
RGB	62, 185, 109
RGB Percent	24%, 73%, 43%
CMY	0.7569, 0.2745, 0.5725
CMYK	0.66, 0.00, 0.41, 0.27
HSL	143°, 50%, 48%
HSV	143°, 66%, 73%
XYZ	22.0959, 36.8262, 20.4116
YIQ	139.5590, -48.9120, -49.7120

# Conversions

## Conversions Part 2

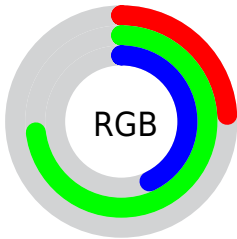
Format	Color
<a href="#">RYB</a>	<a href="#">62, 151, 185</a>
Decimal	<a href="#">4110701</a>
CIELab	<a href="#">67.15, -50.95, 28.89</a>
CIElCh	<a href="#">67, 58.571, 150.444</a>
Yxy	<a href="#">36.8262, 0.2785, 0.4642</a>
Android (android.graphics.Color)	<a href="#">4282300781 (0xFF3EB96D)</a>
YUV	<a href="#">139.5590, -15.0656, -68.0192</a>
Hunter-Lab	<a href="#">60.6846, -41.2043, 22.5367</a>

# Details

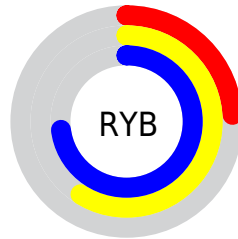
The Hex color **3EB96D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B93E8A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7BF2A1**, and **00833C** is the 20% darker color. If you saturate the color by 10%, you get **2CB962**, and if you desaturate by 10%, it is **51B978**.

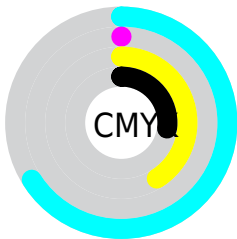
# Distribution



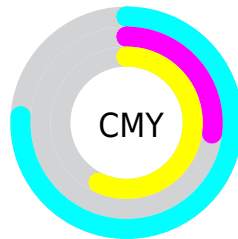
- Red (24%)
- Green (73%)
- Blue (43%)



- Red (24%)
- Yellow (59%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (76%)
- Magenta (27%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EB96D 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 3EB96D by changing the saturation by 10% instead.





3EB96D



3EB96D

FFFFFF



159D54



7BF2A1



00833C



98FFBD



006925



B5FFD9



004F0D



D3FFF5



003700



F1FFFF



002100



000000



3EB96D



3EB96D



2CB962



51B978

 19B956

 63B984

 06B94B

 76B98F

 00B947

 88B99B

 9BB9A6

 ADB9B2

 C0B9BD

 D2B9C8

 E5B9D4

# Harmonies

## Analogous

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



8AB042



3EB96D



00BDA3

# Triad

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



3EB96D



1FA9FF



FF7A71

# Complementary

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



3EB96D



B93E8A

# 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.



FF74A5



3EB96D



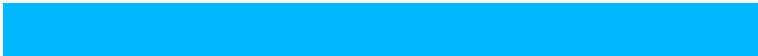
A695FF

# Square

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



3EB96D



00B6FE



E480D8



E98D47

# Rectangle

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



3EB96D



00BDC7



E480D8



FF7682



# Sweetspot

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



3EB96D



C0F0D2



8CB93E



5B7866



F7F7F7



787878



# Same Dimension

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



3EB96D



30F079



3EB9A9



535C56



009C3B



001C0B



# Inverse Universe

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



B93E8A



F030A6



B93E4E



5C5358



9C0060



1C0011



# Previews

## White Background



This preview shows how the Hex color 3EB96D looks on a white background.

## Color Contrast Check

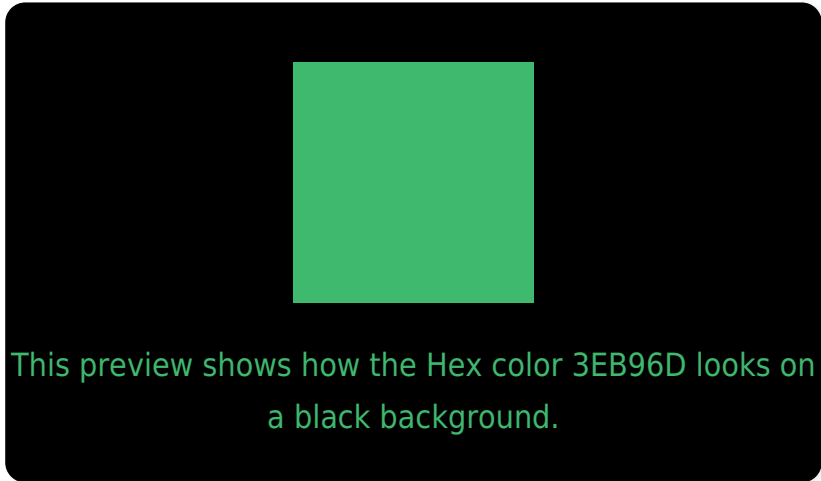
Large Text (above 18pt) WCAG AA × Fail

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

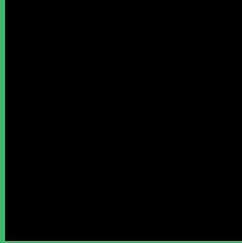
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3EB96D Background



This preview shows how black text looks on a background with the Hex color 3EB96D.

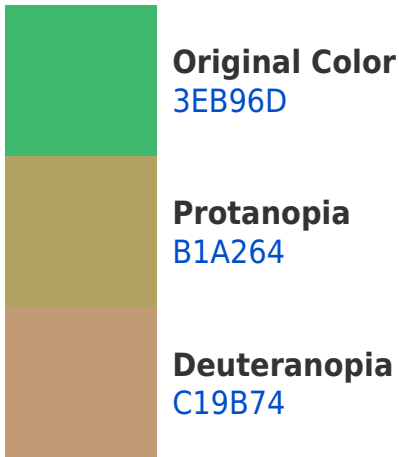


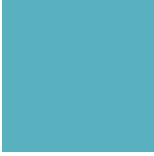
This preview shows how white text looks on a background with the Hex color 3EB96D.

# 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](#).

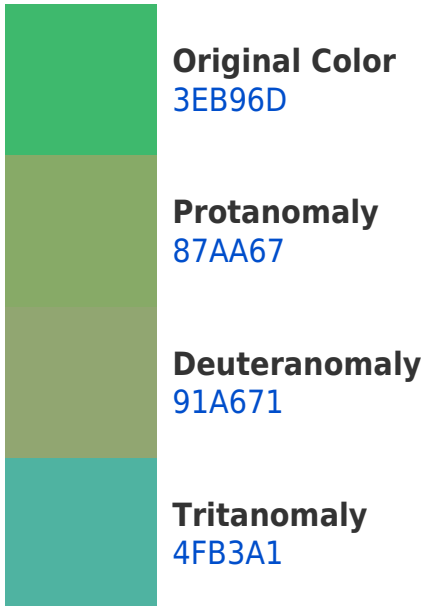
## Dichromacy





**Tritanopia**  
59B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EB96D 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 #3EB96D looks like.

```
.text, #text, p{  
    color:#3EB96D  
}
```

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 #3EB96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB96D  
}
```

## Border

The CSS property to change the border of an element to Hex 3EB96D 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  
#3EB96D }
```

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

```
.border{ border-color:#3EB96D }
```

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

Here you see how a box with a 4 pixel #3EB96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB96D; -webkit-box-shadow:4px 4px  
4px 4px #3EB96D; box-shadow:4px 4px 4px  
4px #3EB96D }
```

# Background

The CSS property to change the background color of an element to Hex 3EB96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB96D }
```

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

```
.background{ background-color:#3EB96D }
```

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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