

# Converting Colors

Hex(3CB63F)

Have a look what the booklet for  
Hex(3CB63F) contains.

<b>Hex(3CB63F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3CB63F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CB63F
RGB	60, 182, 63
RGB Percent	24%, 71%, 25%
CMY	0.7647, 0.2863, 0.7529
CMYK	0.67, 0.00, 0.65, 0.29
HSL	121°, 50%, 47%
HSV	121°, 67%, 71%
XYZ	19.4886, 34.7754, 10.3878
YIQ	131.9560, -34.5130, -62.8730

# Conversions

## Conversions Part 2

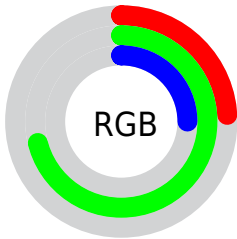
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 179, 182
Decimal	3978815
CIELab	65.57, -56.77, 49.26
CIElCh	66, 75.161, 139.054
Yxy	34.7754, 0.3014, 0.5379
Android (android.graphics.Color)	4282168895 (0xFF3CB63F)
YUV	131.9560, -33.9953, -63.1054
Hunter-Lab	58.9707, -44.2081, 30.8354

# Details

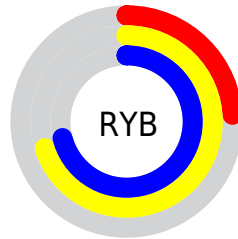
The Hex color **3CB63F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B63CB3**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7AEF74**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **2AB62D**, and if you desaturate by 10%, it is **4EB651**.

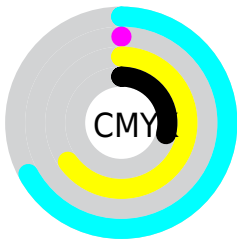
# Distribution



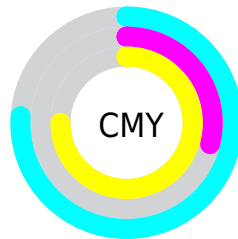
- Red (24%)
- Green (71%)
- Blue (25%)



- Red (24%)
- Yellow (70%)
- Blue (71%)



- Cyan (67%)
- Magenta (0%)
- Yellow (65%)
- Black (29%)



- Cyan (76%)
- Magenta (29%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CB63F 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 3CB63F by changing the saturation by 10% instead.



 3CB63F

 3CB63F

FFFFFF

 0E9A24

 7AEF74

 008000

 98FF8E

 006600

 B5FFAA

 004C00

 D3FFC6

 003500

 F1FFE3

 001C00

 000000

 3CB63F

 3CB63F

 2AB62D

 4EB651

 18B61B

 60B663

 05B60A

 73B674

 00B604

 85B686

 97B698

 A9B6AA

 BBB6BB

 CEB6CD

 E0B6DF

# Harmonies

## Analogous

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



96A900



3CB63F



00BC83

# Triad

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



3CB63F



00AEFF



FF5B78

# Complementary

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



3CB63F



B63CB3

# 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.



FF5CBB



3CB63F



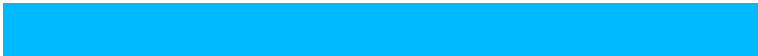
6698FF

# Square

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



3CB63F



00BAFF



D778F9



FF7639

# Rectangle

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



3CB63F



00BEB3



D778F9



FF578E



# Sweetspot

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



3CB63F



BEEDBF



B4B63C



5B785C



F7F7F7



787878



# Same Dimension

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



3CB63F



2FED34



3CB67B



535C53



009C04



001C01



# Inverse Universe

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



B63CB3



ED2FE8



B63C77



5C535C



9C0098



1C001B



# Previews

## White Background



This preview shows how the Hex color 3CB63F looks on a white background.

## Color Contrast Check

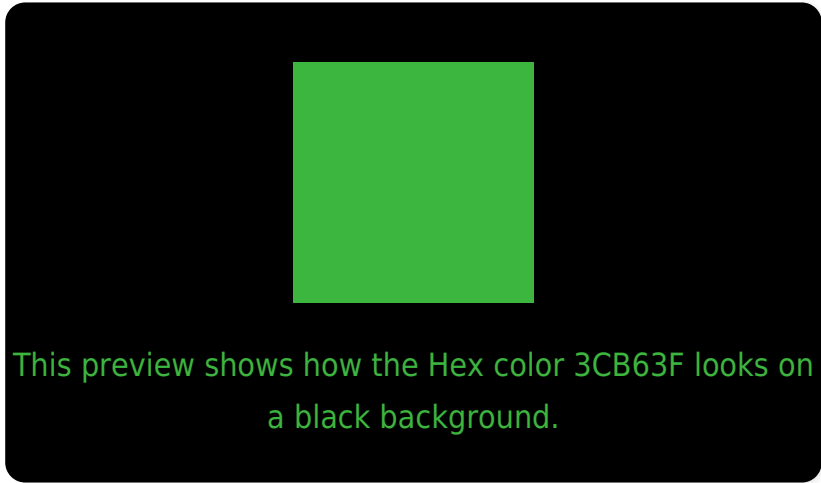
Large Text (above 18pt) WCAG AA × Fail

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

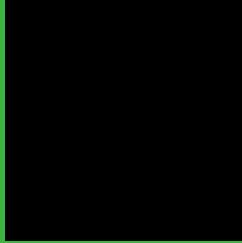
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CB63F Background



This preview shows how black text looks on a background with the Hex color 3CB63F.

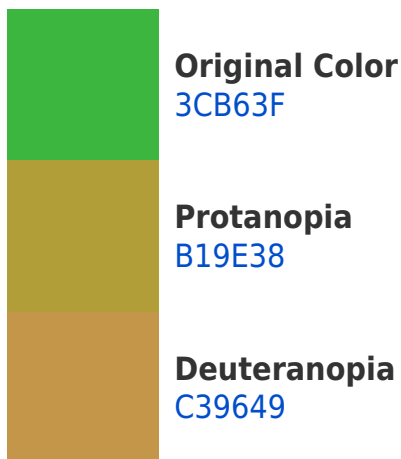


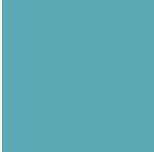
This preview shows how white text looks on a background with the Hex color 3CB63F.

# 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**  
3CB63F



**Protanomaly**  
86A73B



**Deuteranomaly**  
92A245



**Tritanomaly**  
50AE8C

# Monochromacy



**Original Color**  
3CB63F



**Achromatopsia**  
848484



**Achromatomaly**  
6A966B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CB63F 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 #3CB63F looks like.

```
.text, #text, p{  
    color:#3CB63F  
}
```

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 #3CB63F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB63F
}
```

## Border

The CSS property to change the border of an element to Hex 3CB63F 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
#3CB63F }
```

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

```
.border{ border-color:#3CB63F }
```

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

Here you see how a box with a 4 pixel #3CB63F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB63F; -webkit-box-shadow:4px 4px  
4px 4px #3CB63F; box-shadow:4px 4px 4px  
4px #3CB63F }
```

# Background

The CSS property to change the background color of an element to Hex 3CB63F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB63F }
```

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

```
.background{ background-color:#3CB63F }
```

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