

# Converting Colors

Hex(7CCB37)

Have a look what the booklet for  
Hex(7CCB37) contains.

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# **Color**

**Hex(7CCB37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CCB37
RGB	124, 203, 55
RGB Percent	49%, 80%, 22%
CMY	0.5137, 0.2039, 0.7843
CMYK	0.39, 0.00, 0.73, 0.20
HSL	92°, 59%, 51%
HSV	92°, 73%, 80%
XYZ	30.3577, 47.2728, 11.1390
YIQ	162.5070, 0.4240, -62.7760

# Conversions

## Conversions Part 2

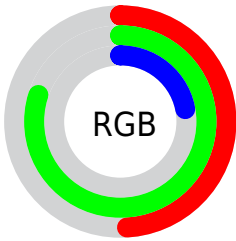
Format	Color
<a href="#">RYB</a>	<a href="#">55, 203, 134</a>
Decimal	<a href="#">8178487</a>
CIELab	<a href="#">74.36, -47.72, 62.26</a>
CIELCh	<a href="#">74, 78.445, 127.468</a>
Yxy	<a href="#">47.2728, 0.3420, 0.5325</a>
Android (android.graphics.Color)	<a href="#">4286368567</a> ( <a href="#">0xFF7CCB37</a> )
YUV	<a href="#">162.5070, -53.0010, -33.7706</a>
Hunter-Lab	<a href="#">68.7552, -41.5080, 38.5231</a>

# Details

The Hex color **7CCB37** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8637CB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B6FF6F**, and **429400** is the 20% darker color. If you saturate the color by 10%, you get **71CB23**, and if you desaturate by 10%, it is **87CB4B**.

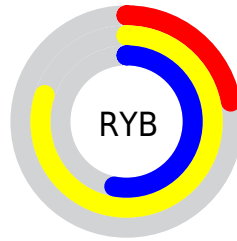
# Distribution



Red (49%)

Green (80%)

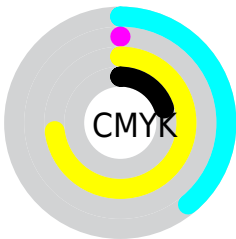
Blue (22%)



Red (22%)

Yellow (80%)

Blue (53%)

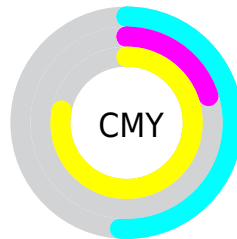


Cyan (39%)

Magenta (0%)

Yellow (73%)

Black (20%)



Cyan (51%)

Magenta (20%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CCB37 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 7CCB37 by changing the saturation by 10% instead.



 7CCB37

 7CCB37

FFFFFF

 5FAF15

 B6FF6F

 429400

 D3FF8B

 207A00

 F1FFA7

 006000

 FFFFC3

 004800

 FFFFEO

 003100

FFFFFFE

 001800

 000000

 7CCB37

 7CCB37

 71CB23

 87CB4B

 66CB0E

 92CB60

 5FCB00

 9DCB74

 A7CB88

 B2CB9D

 BDCBB1

 C8CBC5

 D3CBD9

 DECBEE

# Harmonies

## Analogous

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



C9B900



7CCB37



00D57C

# Triad

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



7CCB37



00CDFE



FF6DA8

# Complementary

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



7CCB37



8637CB

# 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.



FF7BF0



7CCB37



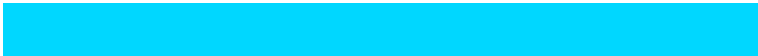
00BAFF

# Square

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



7CCB37



00D7FF



D09BFF



FF8063

# Rectangle

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



7CCB37



00D8AE



D09BFF



FF6EC0

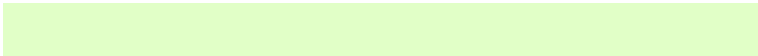


# Sweetspot

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



7CCB37



E1FFC7



CB8637



6E805E



000000



808080



# Same Dimension

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



7CCB37



89FF21



37CB3C



61665C



4DA600



122600



# Inverse Universe

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



8637CB



9821FF



CB37C6



615C66



5800A6



140026



# Previews

## White Background



This preview shows how the Hex color 7CCB37 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



This preview shows how the Hex color 7CCB37 looks on a 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 7CCB37 Background



This preview shows how black text looks on a background with the Hex color 7CCB37.

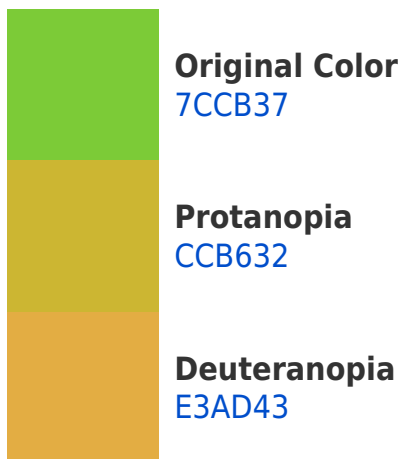


This preview shows how white text looks on a background with the Hex color 7CCB37.

# 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**  
91BDCD

# Trichromacy



**Original Color**  
7CCB37



**Protanomaly**  
AFBE34



**Deuteranomaly**  
BEB83F



**Tritanomaly**  
89C296

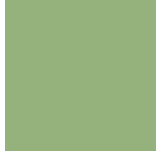
# Monochromacy



**Original Color**  
7CCB37



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
95B27C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CCB37 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 #7CCB37 looks like.

```
.text, #text, p{  
    color:#7CCB37  
}
```

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 #7CCB37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CCB37
}
```

## Border

The CSS property to change the border of an element to Hex 7CCB37 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
#7CCB37 }
```

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

```
.border{ border-color:#7CCB37 }
```

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

Here you see how a box with a 4 pixel #7CCB37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CCB37; -webkit-box-shadow:4px 4px  
4px 4px #7CCB37; box-shadow:4px 4px 4px  
4px #7CCB37 }
```

# Background

The CSS property to change the background color of an element to Hex 7CCB37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CCB37 }
```

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

```
.background{ background-color:#7CCB37 }
```

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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