

# Converting Colors

Hex(7CBC00)

Have a look what the booklet for  
Hex(7CBC00) contains.

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**Color**

**Hex(7CBC00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CBC00
RGB	124, 188, 0
RGB Percent	49%, 74%, 0%
CMY	0.5137, 0.2627, 1.0000
CMYK	0.34, 0.00, 1.00, 0.26
HSL	80°, 100%, 37%
HSV	80°, 100%, 74%
XYZ	26.2954, 40.2515, 6.3834
YIQ	147.4320, 22.2040, -72.0360

# Conversions

## Conversions Part 2

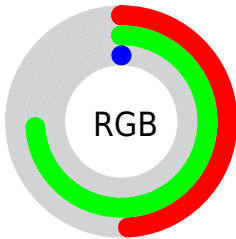
Format	Color
<a href="#">RYB</a>	0, 188, 64
Decimal	8174592
CIELab	69.65, -43.37, 69.97
CIELCh	70, 82.327, 121.793
Yxy	40.2515, 0.3606, 0.5519
Android (android.graphics.Color)	4286364672 (0xFF7CBC00)
YUV	147.4320, -72.6840, -20.5499
Hunter-Lab	63.4441, -37.0450, 38.4454

# Details

The Hex color **7CBC00** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **4000BC**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B6F54F**, and **428600** is the 20% darker color. If you saturate the color by 10%, you get **7CBC00**, and if you desaturate by 10%, it is **82BC13**.

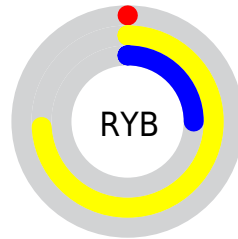
# Distribution



Red (49%)

Green (74%)

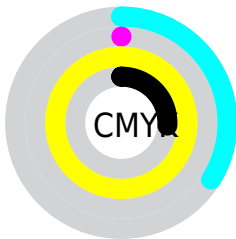
Blue (0%)



Red (0%)

Yellow (74%)

Blue (25%)

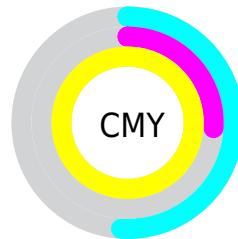


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (51%)

Magenta (26%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CBC00 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 7CBC00 by changing the saturation by 10% instead.



 7CBC00

 7CBC00

FFFFFF

 5FA100

 B6F54F

 428600

 D3FF6C

 236C00

 F1FF88

 005400

 FFFFA5

 003C00

 FFFFC1

 002700

 FFFFDF

 000000

 FFFFFC

 7CBC00

 82BC13

 89BC26

 8FBC38

 96BC4B

 9CBC5E

 A2BC71

 A9BC84

 AFBC96

 B6BCA9

# Harmonies

## Analogous

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



C8A800



7CBC00



00C75F

# Triad

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



7CBC00



00C4FF



FF57A9

# Complementary

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



7CBC00



4000BC

# 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.



FF6EF2



7CBC00



00B2FF

# Square

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



7CBC00



00CBF7



AC94FF



FF6860

# Rectangle

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



7CBC00



00CA92



AC94FF



FF5BC2



# Sweetspot

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



7CBC00



DCF5AB



BC3F00



6B7A4E



FAFAFA



7A7A7A



# Same Dimension

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



7CBC00



A1F500



1FBC00



5B5E55



689E00



141F00



# Inverse Universe

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



4000BC



5300F5



9D00BC



58555E



36009E



0A001F



# Previews

## White Background



This preview shows how the Hex color 7CBC00 looks on a white background.

## Color Contrast Check

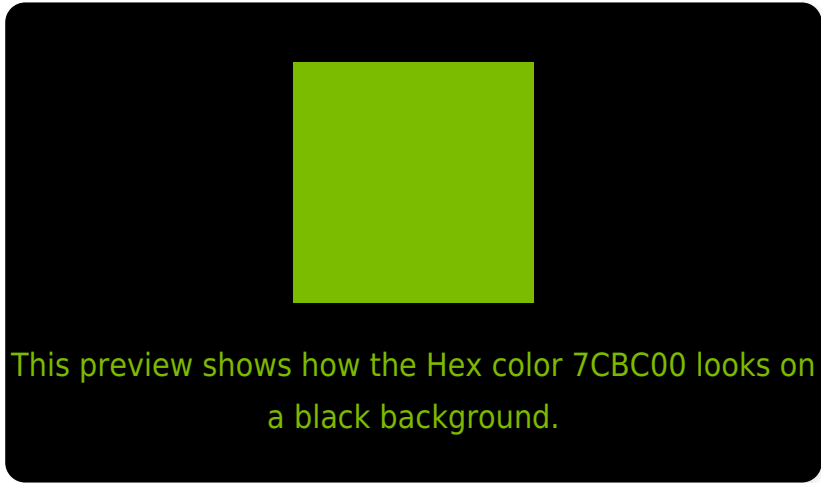
Large Text (above 18pt) WCAG AA × Fail

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 7CBC00 Background



This preview shows how black text looks on a background with the Hex color 7CBC00.

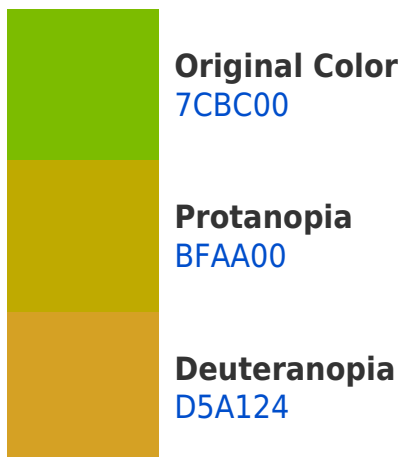


This preview shows how white text looks on a background with the Hex color 7CBC00.

# 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**  
8FAFBD

# Trichromacy



**Original Color**  
7CBC00

**Protanomaly**  
A7B100

**Deuteranomaly**  
B5AB17

**Tritanomaly**  
88B478

# Monochromacy



**Original Color**  
7CBC00

**Achromatopsia**  
939393

**Achromatomaly**  
8BA25E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CBC00 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 #7CBC00 looks like.

```
.text, #text, p{  
    color:#7CBC00  
}
```

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 #7CBC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBC00
}
```

## Border

The CSS property to change the border of an element to Hex 7CBC00 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
#7CBC00 }
```

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

```
.border{ border-color:#7CBC00 }
```

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

Here you see how a box with a 4 pixel #7CBC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBC00; -webkit-box-shadow:4px 4px  
4px 4px #7CBC00; box-shadow:4px 4px 4px  
4px #7CBC00 }
```

# Background

The CSS property to change the background color of an element to Hex 7CBC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBC00 }
```

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

```
.background{ background-color:#7CBC00 }
```

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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