

Converting Colors

Hex(7ACC00)

Have a look what the booklet for
Hex(7ACC00) contains.

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Color

Hex(7ACC00)

Conversions

Conversions Part 1

Format	Color
Hex	7ACC00
RGB	122, 204, 0
RGB Percent	48%, 80%, 0%
CMY	0.5216, 0.2000, 1.0000
CMYK	0.40, 0.00, 1.00, 0.20
HSL	84°, 100%, 40%
HSV	84°, 100%, 80%
XYZ	29.6189, 47.3233, 7.5732
YIQ	156.2260, 16.6120, -80.8280

Conversions

Conversions Part 2

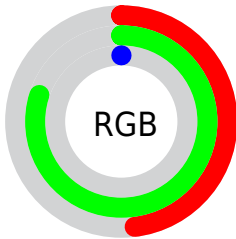
Format	Color
RYB	0, 204, 82
Decimal	8047616
CIELab	74.40, -50.65, 73.61
CIELCh	74, 89.350, 124.535
Yxy	47.3233, 0.3505, 0.5599
Android (android.graphics.Color)	4286237696 (0xFF7ACC00)
YUV	156.2260, -77.0194, -30.0162
Hunter-Lab	68.7919, -43.5313, 41.6272

Details

The Hex color **7ACC00** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5200CC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B5FF53**, and **3D9500** is the 20% darker color. If you saturate the color by 10%, you get **7ACC00**, and if you desaturate by 10%, it is **82CC14**.

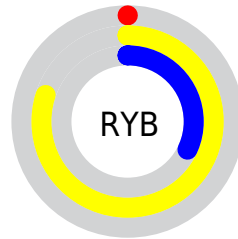
Distribution



Red (48%)

Green (80%)

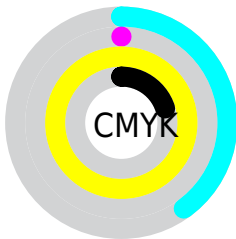
Blue (0%)



Red (0%)

Yellow (80%)

Blue (32%)

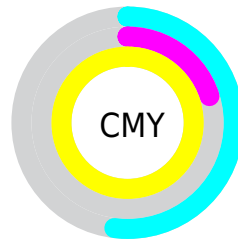


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (52%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ACC00 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 7ACC00 by changing the saturation by 10% instead.

 7ACC00

 7ACC00

FFFFFF

 5CB000

 B5FF53

 3D9500

 D3FF70

 187B00

 F1FF8D

 006100

 FFFFA9

 004800

 FFFFC6

 003100

 FFFFE4

 001800

 000000

 7ACC00

 82CC14

 8ACC29

 93CC3D

 9BCC52

 A3CC66

 ABCC7A

 B3CC8F

 BCCCA3

 C4CCB8

Harmonies

Analogous

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



D0B800



7ACC00



00D76C

Triad

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



7ACC00



00D2FF



FF58AE

Complementary

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



7ACC00



5200CC

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.



FF70FF



7ACC00



00BDFE

Square

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



7ACC00



00DBFF



C59BFF



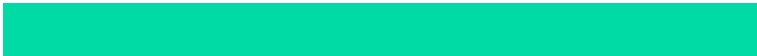
FF705E

Rectangle

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



7ACC00



00DBA5



C59BFF



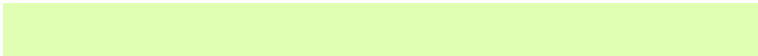
FF5BCA

Sweetspot

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



7ACC00



E0FFB3



CC5200



6D8052



000000



808080

Same Dimension

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



7ACC00



99FF00



14CC00



62665C



63A600



172600

Inverse Universe

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



5200CC



6700FF



B800CC



605C66



4300A6



0F0026

Previews

White Background



This preview shows how the Hex color 7ACC00 looks on a white background.

Color Contrast Check

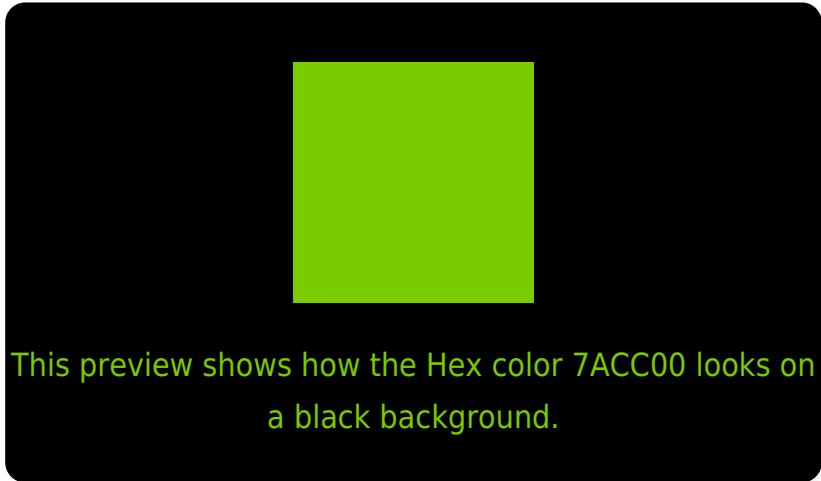
Large Text (above 18pt) WCAG AA × Fail

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 7ACC00 Background



This preview shows how black text looks on a background with the Hex color 7ACC00.

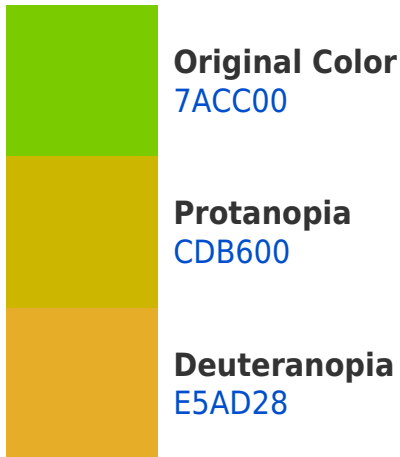


This preview shows how white text looks on a background with the Hex color 7ACC00.

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



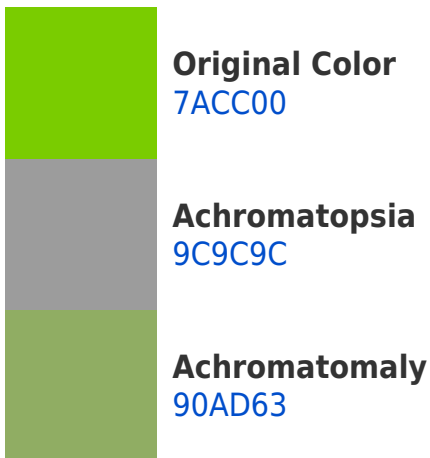


Tritanopia
91BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ACC00 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 #7ACC00 looks like.

```
.text, #text, p{  
    color:#7ACC00  
}
```

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 #7ACC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACC00
}
```

Border

The CSS property to change the border of an element to Hex 7ACC00 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
#7ACC00 }
```

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

```
.border{ border-color:#7ACC00 }
```

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

Here you see how a box with a 4 pixel #7ACC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACC00; -webkit-box-shadow:4px 4px  
4px 4px #7ACC00; box-shadow:4px 4px 4px  
4px #7ACC00 }
```

Background

The CSS property to change the background color of an element to Hex 7ACC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACC00 }
```

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

```
.background{ background-color:#7ACC00 }
```

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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