

# Converting Colors

Hex(71AD00)

Have a look what the booklet for  
Hex(71AD00) contains.

<b>Hex(71AD00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(71AD00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71AD00
RGB	113, 173, 0
RGB Percent	44%, 68%, 0%
CMY	0.5569, 0.3216, 1.0000
CMYK	0.35, 0.00, 1.00, 0.32
HSL	81°, 100%, 34%
HSV	81°, 100%, 68%
XYZ	21.7536, 33.3979, 5.2999
YIQ	135.3380, 19.7730, -66.5230

# Conversions

## Conversions Part 2

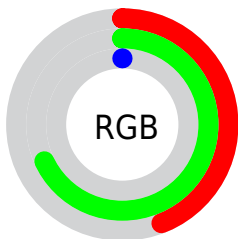
Format	Color
<a href="#">RYB</a>	<a href="#">0, 173, 60</a>
Decimal	<a href="#">7449856</a>
CIELab	<a href="#">64.48, -41.06, 65.74</a>
CIELCh	<a href="#">64, 77.507, 121.989</a>
Yxy	<a href="#">33.3979, 0.3599, 0.5525</a>
Android (android.graphics.Color)	<a href="#">4285639936 (0xFF71AD00)</a>
YUV	<a href="#">135.3380, -66.7216, -19.5904</a>
Hunter-Lab	<a href="#">57.7909, -33.9431, 35.0162</a>

# Details

The Hex color **71AD00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3C00AD**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AAE54C**, and **387800** is the 20% darker color. If you saturate the color by 10%, you get **71AD00**, and if you desaturate by 10%, it is **77AD11**.

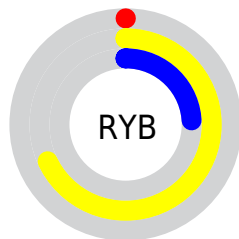
# Distribution



Red (44%)

Green (68%)

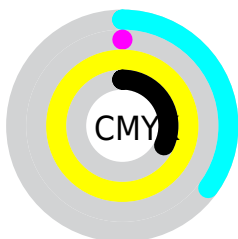
Blue (0%)



Red (0%)

Yellow (68%)

Blue (24%)

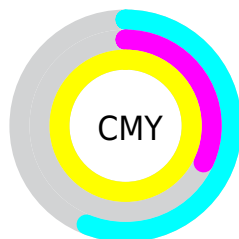


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (56%)

Magenta (32%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71AD00 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 71AD00 by changing the saturation by 10% instead.



 71AD00

 71AD00

FFFFFF

 559200

 AAE54C

 387800

 C7FF68

 185F00

 E4FF84

 004700

 FFFFA0

 002F00

 FFFFBC

 001800

 FFFFD9

 000000

 FFFFF7

 71AD00

 77AD11

 7DAD23

 83AD34

 89AD45

 8FAD57

 95AD68

 9BAD79

 A1AD8A

 A7AD9C

# Harmonies

## Analogous

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



B79B00



71AD00



00B757

# Triad

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



71AD00



00B4FF



FF4F9B

# Complementary

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



71AD00



3C00AD

# 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.



F265DF



71AD00



00A4FF

# Square

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



71AD00



00BBE4



9F88FF



FF5F57

# Rectangle

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



71AD00



00BA87



9F88FF



FF52B2



# Sweetspot

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



71AD00



C9E09D



AD3A00



627048



F0F0F0



707070



# Same Dimension

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



71AD00



93E000



1DAD00



54574E



629600



0F1700



# Inverse Universe

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



3C00AD



4E00E0



9000AD



514E57



340096



080017



# Previews

## White Background



This preview shows how the Hex color 71AD00 looks on a white background.

## Color Contrast Check

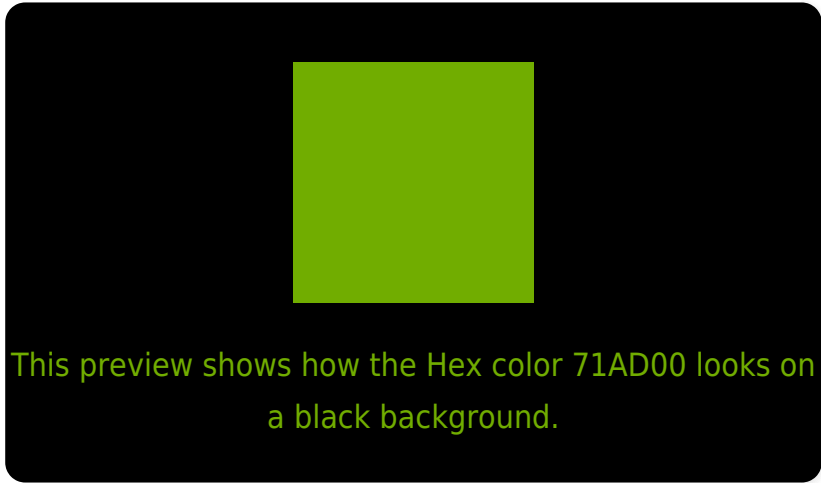
Large Text (above 18pt) WCAG AA × Fail

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 71AD00 Background



This preview shows how black text looks on a background with the Hex color 71AD00.

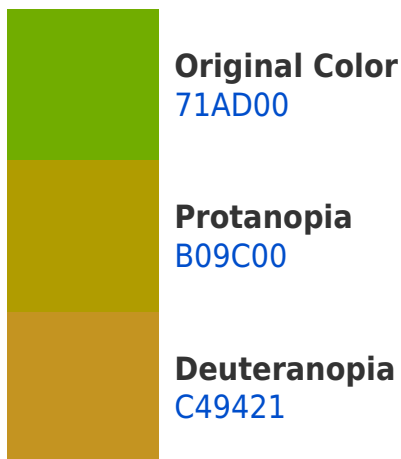


This preview shows how white text looks on a background with the Hex color 71AD00.

# 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](#).

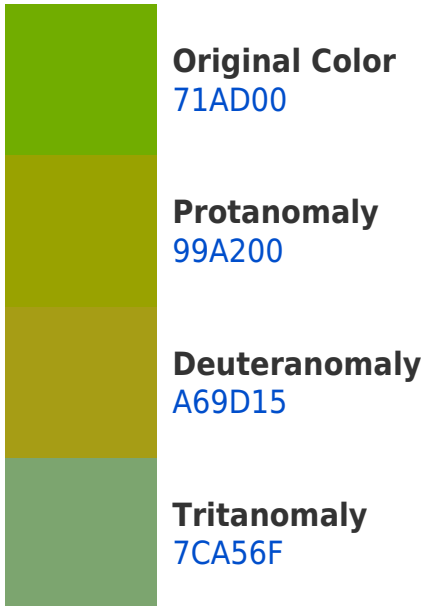
## Dichromacy





**Tritanopia**  
83A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71AD00 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 #71AD00 looks like.

```
.text, #text, p{  
    color:#71AD00  
}
```

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 #71AD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AD00  
}
```

## Border

The CSS property to change the border of an element to Hex 71AD00 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  
#71AD00 }
```

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

```
.border{ border-color:#71AD00 }
```

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

Here you see how a box with a 4 pixel #71AD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AD00; -webkit-box-shadow:4px 4px  
4px 4px #71AD00; box-shadow:4px 4px 4px  
4px #71AD00 }
```

# Background

The CSS property to change the background color of an element to Hex 71AD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AD00 }
```

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

```
.background{ background-color:#71AD00 }
```

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