

Converting Colors

Hex(71BA00)

Have a look what the booklet for
Hex(71BA00) contains.

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Color

Hex(71BA00)

Conversions

Conversions Part 1

Format	Color
Hex	71BA00
RGB	113, 186, 0
RGB Percent	44%, 73%, 0%
CMY	0.5569, 0.2706, 1.0000
CMYK	0.39, 0.00, 1.00, 0.27
HSL	84°, 100%, 36%
HSV	84°, 100%, 73%
XYZ	24.3690, 38.6285, 6.1717
YIQ	142.9690, 16.1980, -73.3220

Conversions

Conversions Part 2

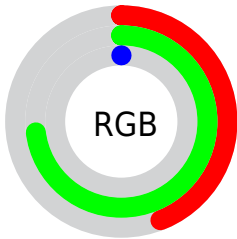
Format	Color
RYB	0, 186, 73
Decimal	7453184
CIELab	68.48, -46.50, 68.83
CIELCh	68, 83.068, 124.043
Yxy	38.6285, 0.3523, 0.5585
Android (android.graphics.Color)	4285643264 (0xFF71BA00)
YUV	142.9690, -70.4837, -26.2828
Hunter-Lab	62.1518, -38.7781, 37.6188

Details

The Hex color **71BA00** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4900BA**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ABF34F**, and **368400** is the 20% darker color. If you saturate the color by 10%, you get **71BA00**, and if you desaturate by 10%, it is **78BA13**.

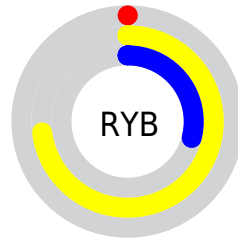
Distribution



Red (44%)

Green (73%)

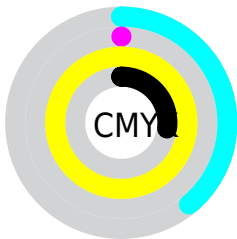
Blue (0%)



Red (0%)

Yellow (73%)

Blue (29%)

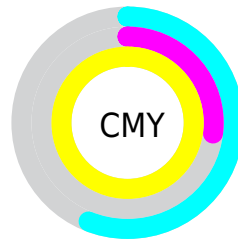


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (56%)

Magenta (27%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BA00 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 71BA00 by changing the saturation by 10% instead.

 71BA00

 71BA00

FFFFFF

 549F00

 ABF34F

 368400

 C8FF6B

 106A00

 E6FF87

 005100

 FFFFA4

 003900


 FFFFC0

 002400

 FFFFDE

 000000

 FFFFFB

 71BA00

 78BA13

 80BA25

 87BA38

 8EBA4A

 95BA5D

 9DBA70

 A4BA82

 ABBA95

 B3BAA7

Harmonies

Analogous

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



BFA700



71BA00



00C461

Triad

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



71BA00



00C0FF



FF51A0

Complementary

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



71BA00



4900BA

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.



FF67EA



71BA00



00ADFF

Square

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



71BA00



00C8FA



B28EFF



FF6657

Rectangle

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



71BA00



00C895



B28EFF



FF54B9

Sweetspot

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



71BA00



D6F2AA



BA4700



697A4E



FAFAFA



7A7A7A

Same Dimension

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



71BA00



93F200



16BA00



585C53



5F9C00



111C00

Inverse Universe

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



4900BA



5F00F2



A400BA



56535C



3D009C



0B001C

Previews

White Background



This preview shows how the Hex color 71BA00 looks on a white background.

Color Contrast Check

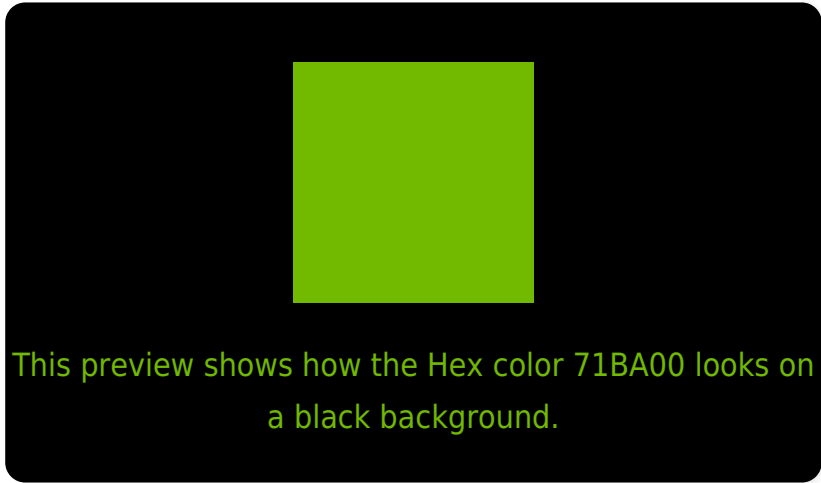
Large Text (above 18pt) WCAG AA × Fail

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 71BA00 Background



This preview shows how black text looks on a background with the Hex color 71BA00.

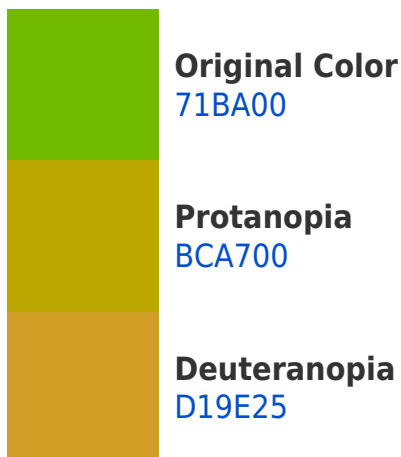


This preview shows how white text looks on a background with the Hex color 71BA00.

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
86ADBB

Trichromacy



Original Color
71BA00

Protanomaly
A1AE00

Deuteranomaly
AEA818

Tritanomaly
7EB277

Monochromacy



Original Color
71BA00

Achromatopsia
8F8F8F

Achromatomaly
849F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 71BA00 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 #71BA00 looks like.

```
.text, #text, p{  
    color:#71BA00  
}
```

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 #71BA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BA00
}
```

Border

The CSS property to change the border of an element to Hex 71BA00 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
#71BA00 }
```

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

```
.border{ border-color:#71BA00 }
```

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

Here you see how a box with a 4 pixel #71BA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BA00; -webkit-box-shadow:4px 4px  
4px 4px #71BA00; box-shadow:4px 4px 4px  
4px #71BA00 }
```

Background

The CSS property to change the background color of an element to Hex 71BA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BA00 }
```

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

```
.background{ background-color:#71BA00 }
```

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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