

Converting Colors

Hex(7BC929)

Have a look what the booklet for
Hex(7BC929) contains.

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Color

Hex(7BC929)

Conversions

Conversions Part 1

Format	Color
Hex	7BC929
RGB	123, 201, 41
RGB Percent	48%, 79%, 16%
CMY	0.5176, 0.2118, 0.8392
CMYK	0.39, 0.00, 0.80, 0.21
HSL	89°, 66%, 47%
HSV	89°, 80%, 79%
XYZ	29.4553, 46.1443, 9.4521
YIQ	159.4380, 4.8720, -66.2960

Conversions

Conversions Part 2

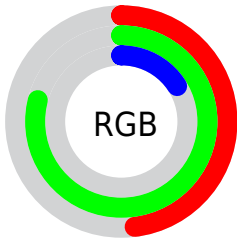
Format	Color
RYB	41, 201, 119
Decimal	8112425
CIELab	73.64, -48.02, 65.99
CIELCh	74, 81.613, 126.039
Yxy	46.1443, 0.3463, 0.5425
Android (android.graphics.Color)	4286302505 (0xFF7BC929)
YUV	159.4380, -58.3899, -31.9561
Hunter-Lab	67.9296, -41.4767, 39.3008

Details

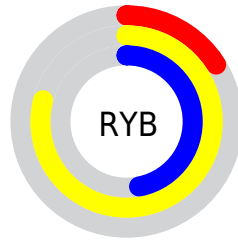
The Hex color **7BC929** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7729C9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B5FF64**, and **409200** is the 20% darker color. If you saturate the color by 10%, you get **71C915**, and if you desaturate by 10%, it is **85C93D**.

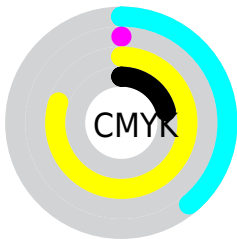
Distribution



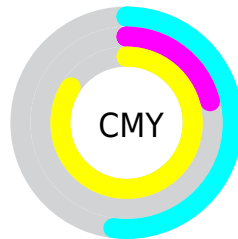
- Red (48%)
- Green (79%)
- Blue (16%)



- Red (16%)
- Yellow (79%)
- Blue (47%)



- Cyan (39%)
- Magenta (0%)
- Yellow (80%)
- Black (21%)



- Cyan (52%)
- Magenta (21%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC929 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 7BC929 by changing the saturation by 10% instead.



7BC929



7BC929

FFFFFF



5EAD00



B5FF64



409200



D2FF80



1E7800



F0FF9C



005F00



FFFFB9



004600



FFFFD6



002F00



FFFFF3



001500



000000



7BC929



7BC929

■ 71C915

■ 85C93D

■ 67C901

■ 8FC951

■ 67C900

■ 98C965

■ A2C979

■ ACC98D

■ B6C9A2

■ C0C9B6

■ C9C9CA

■ D3C9DE

Harmonies

Analogous

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



CAB600



7BC929



00D374

Triad

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



7BC929



00CDFE



FF65A9

Complementary

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



7BC929



7729C9

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.



FF76F3



7BC929



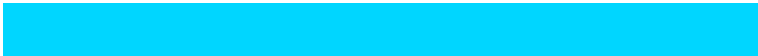
00B9FF

Square

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



7BC929



00D6FF



C99AFF



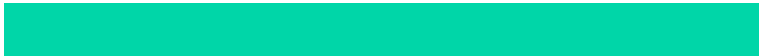
FF7961

Rectangle

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



7BC929



00D6A8



C99AFF



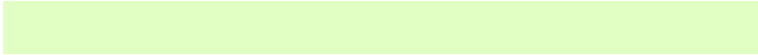
FF67C2

Sweetspot

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



7BC929



E1FFC2



C97629



6D805B



000000



808080

Same Dimension

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



7BC929



88FF0A



2CC929



5F635A



54A300



122400

Inverse Universe

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



7729C9



820AFF



C629C9



5E5A63



5000A3



110024

Previews

White Background



This preview shows how the Hex color 7BC929 looks on a white background.

Color Contrast Check

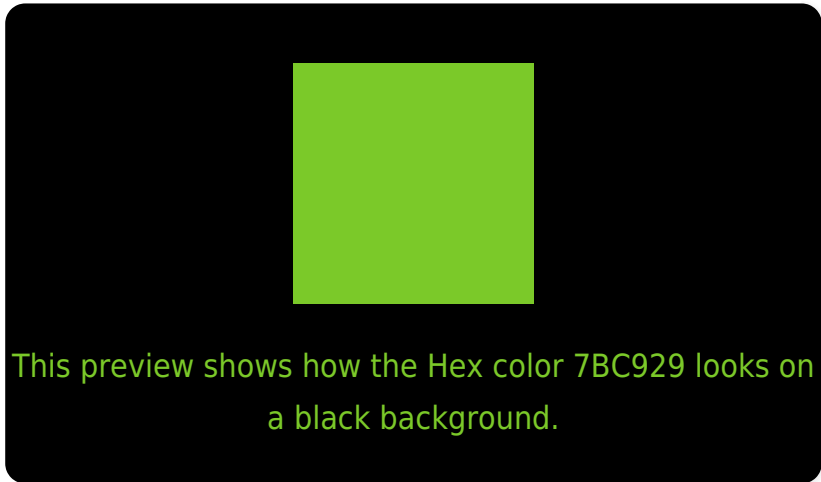
Large Text (above 18pt) WCAG AA × Fail

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 7BC929 Background



This preview shows how black text looks on a background with the Hex color 7BC929.

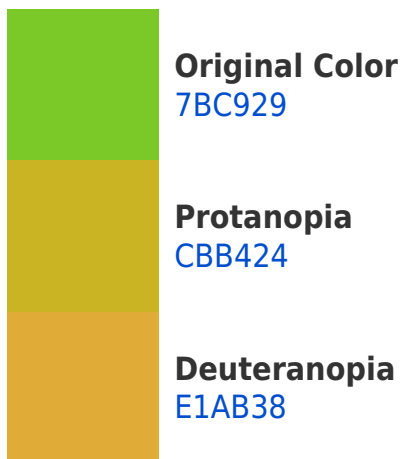


This preview shows how white text looks on a background with the Hex color 7BC929.

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
91BBCA

Trichromacy



Original Color
7BC929



Protanomaly
AEBC26



Deuteranomaly
BCB633



Tritanomaly
89C08F

Monochromacy



Original Color
7BC929



Achromatopsia
9F9F9F



Achromatomaly
92AE74

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC929 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 #7BC929 looks like.

```
.text, #text, p{  
    color:#7BC929  
}
```

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 #7BC929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC929
}
```

Border

The CSS property to change the border of an element to Hex 7BC929 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
#7BC929 }
```

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

```
.border{ border-color:#7BC929 }
```

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

Here you see how a box with a 4 pixel #7BC929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC929; -webkit-box-shadow:4px 4px  
4px 4px #7BC929; box-shadow:4px 4px 4px  
4px #7BC929 }
```

Background

The CSS property to change the background color of an element to Hex 7BC929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC929 }
```

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

```
.background{ background-color:#7BC929 }
```

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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