

Converting Colors

Hex(7BCC29)

Have a look what the booklet for
Hex(7BCC29) contains.

Hex(7BCC29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7BCC29)

Conversions

Conversions Part 1

Format	Color
Hex	7BCC29
RGB	123, 204, 41
RGB Percent	48%, 80%, 16%
CMY	0.5176, 0.2000, 0.8392
CMYK	0.40, 0.00, 0.80, 0.20
HSL	90°, 67%, 48%
HSV	90°, 80%, 80%
XYZ	30.1615, 47.5568, 9.6875
YIQ	161.1990, 4.0470, -67.8650

Conversions

Conversions Part 2

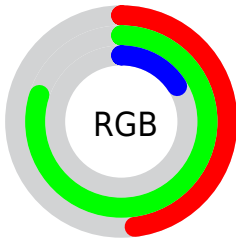
Format	Color
RYB	41, 204, 122
Decimal	8113193
CIELab	74.54, -49.24, 66.83
CIELCh	75, 83.005, 126.382
Yxy	47.5568, 0.3451, 0.5441
Android (android.graphics.Color)	4286303273 (0xFF7BCC29)
YUV	161.1990, -59.2581, -33.5005
Hunter-Lab	68.9614, -42.6124, 39.9441

Details

The Hex color **7BCC29** 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 **7A29CC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B5FF65**, and **409500** is the 20% darker color. If you saturate the color by 10%, you get **71CC15**, and if you desaturate by 10%, it is **85CC3D**.

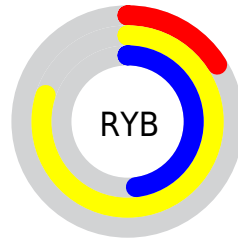
Distribution



Red (48%)

Green (80%)

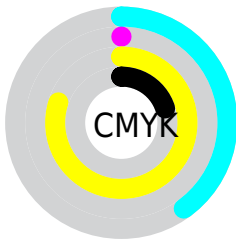
Blue (16%)



Red (16%)

Yellow (80%)

Blue (48%)

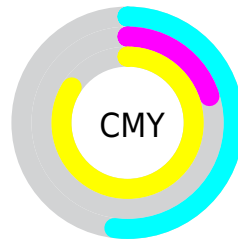


Cyan (40%)

Magenta (0%)

Yellow (80%)

Black (20%)



Cyan (52%)

Magenta (20%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BCC29 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 7BCC29 by changing the saturation by 10% instead.

 7BCC29

 7BCC29

FFFFFF

 5EB000

 B5FF65

 409500

 D3FF81

 1C7B00

 F1FF9D

 006100

 FFFFB9

 004800

 FFFFD6

 003100

 FFFFF4

 001900

 000000

 7BCC29

 7BCC29

 71CC15

 85CC3D

 67CC00

 8FCC52

 99CC66

 A4CC7B

 AECC8F

 B8CCA3

 C2CCB8

 CCCCCC

 D6CCE1

Harmonies

Analogous

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



CCB900



7BCC29



00D677

Triad

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



7BCC29



00D0FF



FF65AA

Complementary

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



7BCC29



7A29CC

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.



FF77F6



7BCC29



00BBFF

Square

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



7BCC29



00D9FF



CD9BFF



FF7A61

Rectangle

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



7BCC29



00D9AB



CD9BFF



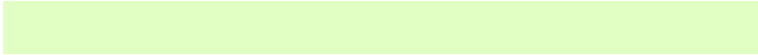
FF67C4

Sweetspot

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



7BCC29



E1FFC2



CC7829



6D805B



000000



808080

Same Dimension

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



7BCC29



85FF0A



2CCC29



61665C



53A600



132600

Inverse Universe

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



7A29CC



840AFF



C929CC



615C66



5200A6



130026

Previews

White Background



This preview shows how the Hex color 7BCC29 looks on a white background.

Color Contrast Check

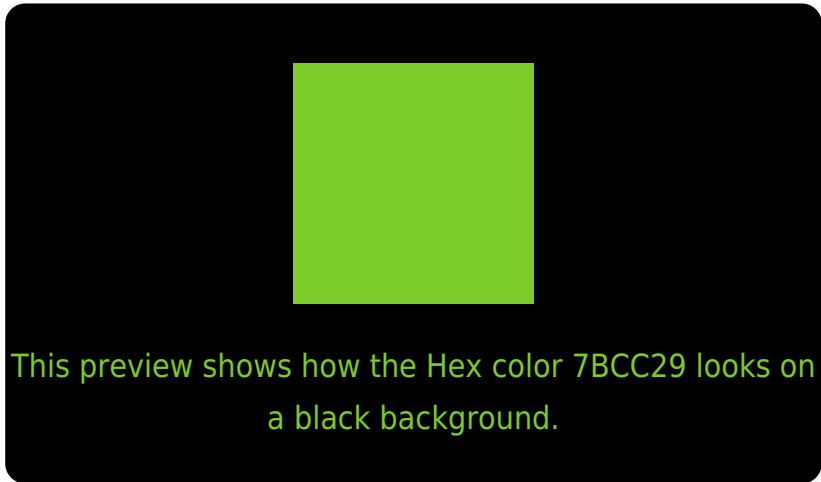
Large Text (above 18pt) WCAG AA × Fail

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 7BCC29 Background



This preview shows how black text looks on a background with the Hex color 7BCC29.

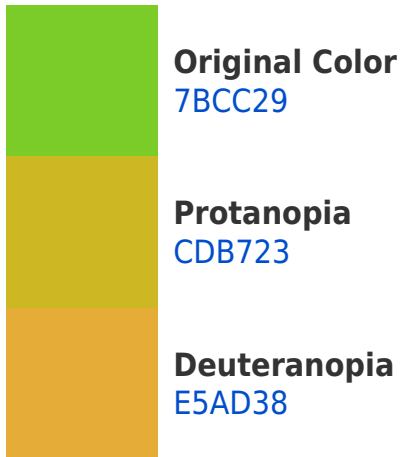


This preview shows how white text looks on a background with the Hex color 7BCC29.

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



Original Color
7BCC29



Protanomaly
AFBF25



Deuteranomaly
BEB833

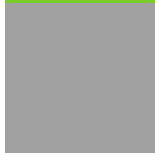


Tritanomaly
89C391

Monochromacy



Original Color
7BCC29



Achromatopsia
A1A1A1



Achromatomaly
93B175

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BCC29 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 #7BCC29 looks like.

```
.text, #text, p{  
    color:#7BCC29  
}
```

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 #7BCC29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCC29
}
```

Border

The CSS property to change the border of an element to Hex 7BCC29 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
#7BCC29 }
```

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

```
.border{ border-color:#7BCC29 }
```

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

Here you see how a box with a 4 pixel #7BCC29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCC29; -webkit-box-shadow:4px 4px  
4px 4px #7BCC29; box-shadow:4px 4px 4px  
4px #7BCC29 }
```

Background

The CSS property to change the background color of an element to Hex 7BCC29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCC29 }
```

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

```
.background{ background-color:#7BCC29 }
```

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