

Converting Colors

Hex(7BCF28)

Have a look what the booklet for
Hex(7BCF28) contains.

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Color

Hex(7BCF28)

Conversions

Conversions Part 1

Format	Color
Hex	7BCF28
RGB	123, 207, 40
RGB Percent	48%, 81%, 16%
CMY	0.5176, 0.1882, 0.8431
CMYK	0.41, 0.00, 0.81, 0.19
HSL	90°, 68%, 48%
HSV	90°, 81%, 81%
XYZ	30.8642, 48.9898, 9.8367
YIQ	162.8460, 3.5430, -69.7450

Conversions

Conversions Part 2

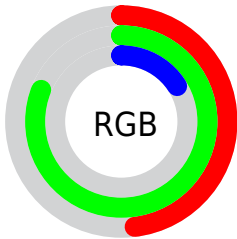
Format	Color
RYB	40, 207, 124
Decimal	8113960
CIELab	75.44, -50.49, 67.92
CIELCh	75, 84.632, 126.625
Yxy	48.9898, 0.3441, 0.5462
Android (android.graphics.Color)	4286304040 (0xFF7BCF28)
YUV	162.8460, -60.5631, -34.9449
Hunter-Lab	69.9927, -43.7753, 40.6623

Details

The Hex color **7BCF28** 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 **7C28CF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B5FF64**, and **3F9800** is the 20% darker color. If you saturate the color by 10%, you get **71CF13**, and if you desaturate by 10%, it is **85CF3D**.

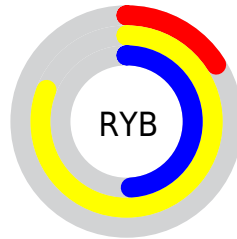
Distribution



Red (48%)

Green (81%)

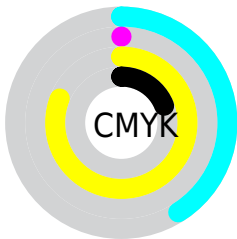
Blue (16%)



Red (16%)

Yellow (81%)

Blue (49%)

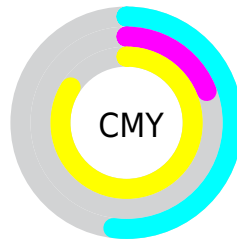


Cyan (41%)

Magenta (0%)

Yellow (81%)

Black (19%)



Cyan (52%)

Magenta (19%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BCF28 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 7BCF28 by changing the saturation by 10% instead.

 7BCF28

 7BCF28

FFFFFF

 5EB300

 B5FF64

 3F9800

 D3FF81

 1A7D00

 F1FF9D

 006400

 FFFFB9

 004B00

 FFFFD6

 003300

 FFFFF4

 001C00

 000000

 7BCF28

 7BCF28

 71CF13

 85CF3D

 67CF00

 90CF51

 9ACF66

 A5CF7B

 AFCF90

 B9CFA4

 C4CFB9

 CECFCE

 D9CFE2

Harmonies

Analogous

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



CEBC00



7BCF28



00D978

Triad

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



7BCF28



00D2FF



FF65AC

Complementary

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



7BCF28



7C28CF

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.



FF77F9



7BCF28



00BEFF

Square

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



7BCF28



00DCFF



D09DFF



FF7B61

Rectangle

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



7BCF28



00DDAE



D09DFF



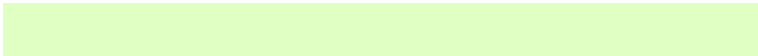
FF67C6

Sweetspot

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



7BCF28



E0FFC2



CF7C28



6D805B



000000



808080

Same Dimension

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



7BCF28



83FF08



28CF28



63695E



54A800



142900

Inverse Universe

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



7C28CF



8408FF



CF28CF



635E69



5500A8



150029

Previews

White Background



This preview shows how the Hex color 7BCF28 looks on a white background.

Color Contrast Check

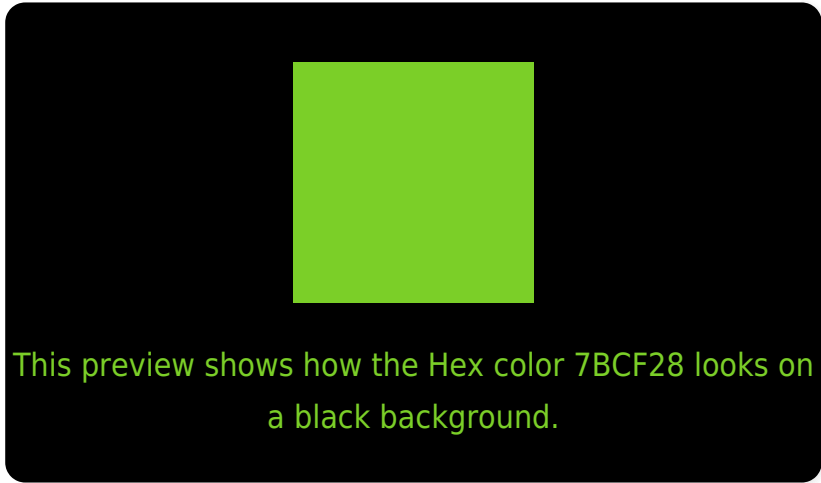
Large Text (above 18pt) WCAG AA × Fail

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 7BCF28 Background



This preview shows how black text looks on a background with the Hex color 7BCF28.

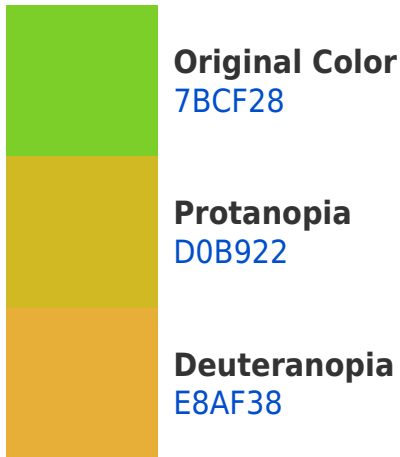


This preview shows how white text looks on a background with the Hex color 7BCF28.

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](#).

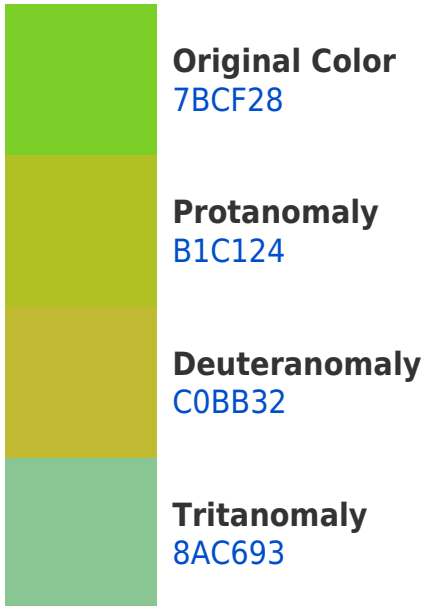
Dichromacy



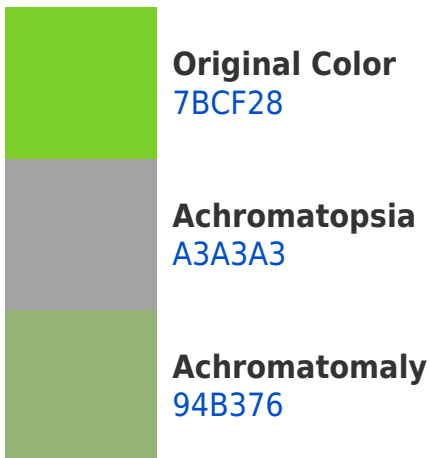


Tritanopia
92C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BCF28 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 #7BCF28 looks like.

```
.text, #text, p{  
    color:#7BCF28  
}
```

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 #7BCF28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCF28
}
```

Border

The CSS property to change the border of an element to Hex 7BCF28 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
#7BCF28 }
```

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

```
.border{ border-color:#7BCF28 }
```

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

Here you see how a box with a 4 pixel #7BCF28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCF28; -webkit-box-shadow:4px 4px  
4px 4px #7BCF28; box-shadow:4px 4px 4px  
4px #7BCF28 }
```

Background

The CSS property to change the background color of an element to Hex 7BCF28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCF28 }
```

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

```
.background{ background-color:#7BCF28 }
```

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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