

Converting Colors

Hex(7CB932)

Have a look what the booklet for
Hex(7CB932) contains.

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Color

Hex(7CB932)

Conversions

Conversions Part 1

Format	Color
Hex	7CB932
RGB	124, 185, 50
RGB Percent	49%, 73%, 20%
CMY	0.5137, 0.2745, 0.8039
CMYK	0.33, 0.00, 0.73, 0.27
HSL	87°, 57%, 46%
HSV	87°, 73%, 73%
XYZ	26.2369, 39.2133, 9.2037
YIQ	151.3710, 6.9790, -54.9170

Conversions

Conversions Part 2

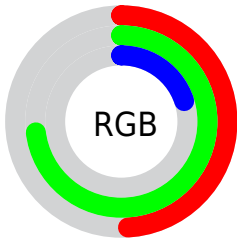
Format	Color
RYB	50, 185, 111
Decimal	8173874
CIELab	68.91, -40.41, 58.62
CIELCh	69, 71.197, 124.586
Yxy	39.2133, 0.3514, 0.5253
Android (android.graphics.Color)	4286363954 (0xFF7CB932)
YUV	151.3710, -49.9759, -24.0044
Hunter-Lab	62.6205, -34.7976, 35.1202

Details

The Hex color **7CB932** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6F32B9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B5F169**, and **448300** is the 20% darker color. If you saturate the color by 10%, you get **74B920**, and if you desaturate by 10%, it is **84B945**.

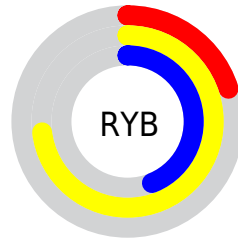
Distribution



Red (49%)

Green (73%)

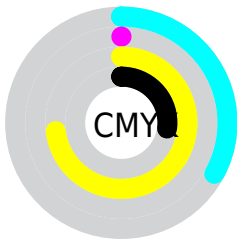
Blue (20%)



Red (20%)

Yellow (73%)

Blue (44%)

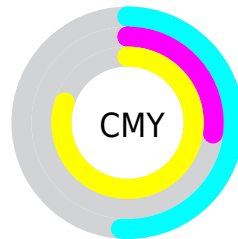


Cyan (33%)

Magenta (0%)

Yellow (73%)

Black (27%)



Cyan (51%)

Magenta (27%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CB932 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 7CB932 by changing the saturation by 10% instead.

 7CB932

 7CB932

FFFFFF

 609E10

 B5F169

 448300

 D1FF84

 276A00

 EFFFFA0

 005100

 FFFFBC

 003900

 FFFFD9

 002500

 FFFFF6

 000000

 7CB932

 7CB932

 74B920

 84B945

 6BB90D

 8DB957

 65B900

 95B96A

 9DB97C

 A6B98F

 AEB9A1

 B7B9B4

 BFB9C6

 C7B9D9

Harmonies

Analogous

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



BFA805



7CB932



00C26E

Triad

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



7CB932



00BDFE



FF67A1

Complementary

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



7CB932



6F32B9

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.



FD76E1



7CB932



00ADFF

Square

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



7CB932



00C5F0



B693FF



FF7563

Rectangle

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



7CB932



00C69A



B693FF



FF69B7

Sweetspot

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



7CB932



D8F0BB



B96F32



6A7859



F7F7F7



787878

Same Dimension

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



7CB932



90F01D



39B932



585C53



559C00



0F1C00

Inverse Universe

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



6F32B9



7C1DF0



B232B9



57535C



46009C



0D001C

Previews

White Background



This preview shows how the Hex color 7CB932 looks on a white background.

Color Contrast Check

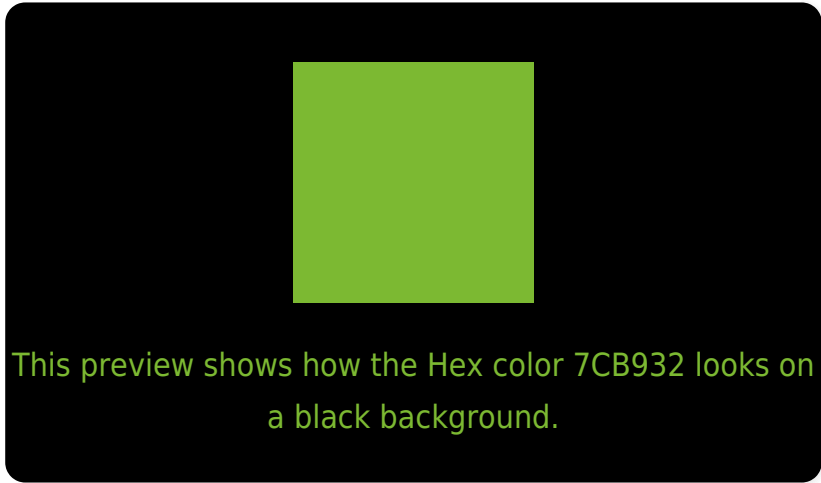
Large Text (above 18pt) WCAG AA × Fail

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 7CB932 Background



This preview shows how black text looks on a background with the Hex color 7CB932.

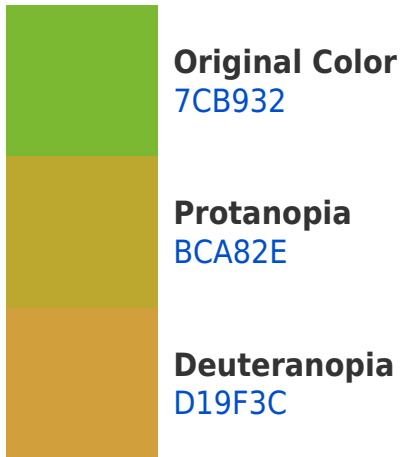


This preview shows how white text looks on a background with the Hex color 7CB932.

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



Trichromacy



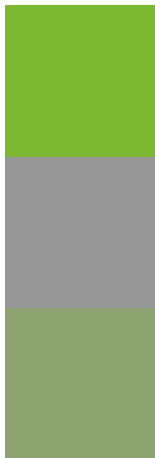
Original Color
7CB932

Protanomaly
A5AE2F

Deuteranomaly
B2A838

Tritanomaly
87B189

Monochromacy



Original Color
7CB932

Achromatopsia
979797

Achromatomaly
8DA372

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CB932 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 #7CB932 looks like.

```
.text, #text, p{  
    color:#7CB932  
}
```

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 #7CB932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB932
}
```

Border

The CSS property to change the border of an element to Hex 7CB932 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
#7CB932 }
```

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

```
.border{ border-color:#7CB932 }
```

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

Here you see how a box with a 4 pixel #7CB932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB932; -webkit-box-shadow:4px 4px  
4px 4px #7CB932; box-shadow:4px 4px 4px  
4px #7CB932 }
```

Background

The CSS property to change the background color of an element to Hex 7CB932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB932 }
```

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

```
.background{ background-color:#7CB932 }
```

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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