

Converting Colors

Hex(7CAC33)

Have a look what the booklet for
Hex(7CAC33) contains.

Hex(7CAC33)	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(7CAC33)

Conversions

Conversions Part 1

Format	Color
Hex	7CAC33
RGB	124, 172, 51
RGB Percent	49%, 67%, 20%
CMY	0.5137, 0.3255, 0.8000
CMYK	0.28, 0.00, 0.70, 0.33
HSL	84°, 54%, 44%
HSV	84°, 70%, 67%
XYZ	23.6622, 34.0292, 8.4531
YIQ	143.8540, 10.2330, -47.8070

Conversions

Conversions Part 2

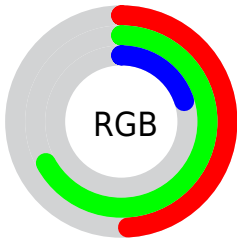
Format	Color
RYB	51, 172, 99
Decimal	8170547
CIELab	64.99, -34.54, 54.31
CIELCh	65, 64.362, 122.452
Yxy	34.0292, 0.3577, 0.5145
Android (android.graphics.Color)	4286360627 (0xFF7CAC33)
YUV	143.8540, -45.7770, -17.4120
Hunter-Lab	58.3345, -29.6804, 32.2426

Details

The Hex color **7CAC33** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6333AC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B4E469**, and **467700** is the 20% darker color. If you saturate the color by 10%, you get **75AC22**, and if you desaturate by 10%, it is **83AC44**.

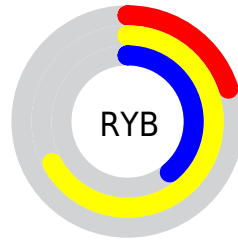
Distribution



Red (49%)

Green (67%)

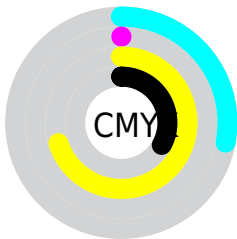
Blue (20%)



Red (20%)

Yellow (67%)

Blue (39%)

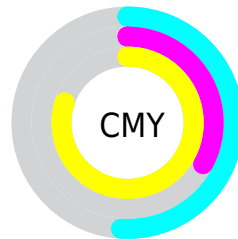


Cyan (28%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAC33 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 7CAC33 by changing the saturation by 10% instead.



7CAC33



7CAC33

FFFFFF



619114



B4E469



467700



D0FF83



2B5E00



EEFF9F



0A4600



FFFFBB



002F00



FFFFD7



001A00



FFFFF4



000000



7CAC33



7CAC33



75AC22



83AC44

■ 6EAC11

■ 8AAC55

■ 68AC00

■ 90AC67

■ 97AC78

■ 9EAC89

■ A5AC9A

■ ACACAB

■ B3ACBD

■ B9ACCE

Harmonies

Analogous

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



B79C19



7CAC33



02B566

Triad

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



7CAC33



00B1FF



FF669B

Complementary

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



7CAC33



6333AC

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.



E773D4



7CAC33



00A3FF

Square

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



7CAC33



00B8DA



A48CFF



FF7063

Rectangle

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



7CAC33



00B88D



A48CFF



FE68AF

Sweetspot

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



7CAC33



CEE0B1



AC6133



657054



F0F0F0



707070

Same Dimension

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



7CAC33



96E024



41AC33



53574E



5B9600



0E1700

Inverse Universe

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



6333AC



6F24E0



9E33AC



514E57



3C0096



090017

Previews

White Background



This preview shows how the Hex color 7CAC33 looks on a white background.

Color Contrast Check

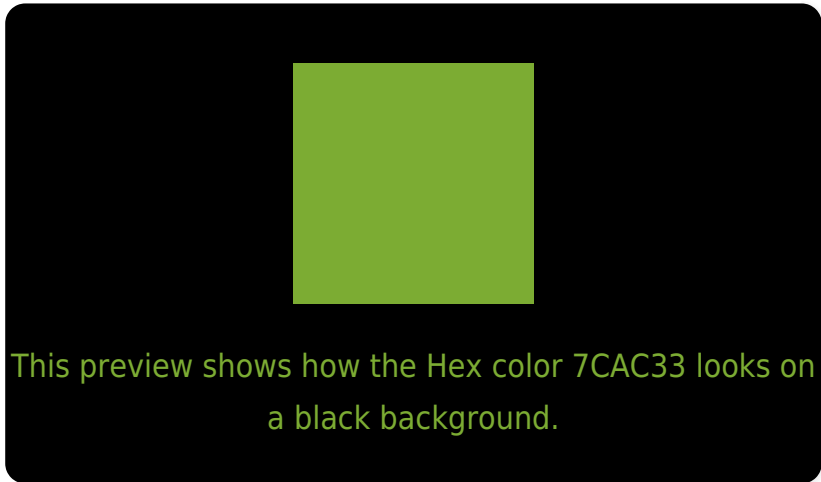
Large Text (above 18pt) WCAG AA × Fail

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 7CAC33 Background



This preview shows how black text looks on a background with the Hex color 7CAC33.



This preview shows how white text looks on a background with the Hex color 7CAC33.

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



Original Color
7CAC33

Protanopia
B09D2F

Deuteranopia
C4953B



Tritanopia
8BA1AD

Trichromacy



Original Color
7CAC33

Protanomaly
9DA230

Deuteranomaly
AA9D38

Tritanomaly
86A581

Monochromacy



Original Color
7CAC33

Achromatopsia
909090

Achromatomaly
899A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAC33 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 #7CAC33 looks like.

```
.text, #text, p{  
    color:#7CAC33  
}
```

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 #7CAC33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAC33
}
```

Border

The CSS property to change the border of an element to Hex 7CAC33 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
#7CAC33 }
```

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

```
.border{ border-color:#7CAC33 }
```

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

Here you see how a box with a 4 pixel #7CAC33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAC33; -webkit-box-shadow:4px 4px  
4px 4px #7CAC33; box-shadow:4px 4px 4px  
4px #7CAC33 }
```

Background

The CSS property to change the background color of an element to Hex 7CAC33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAC33 }
```

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

```
.background{ background-color:#7CAC33 }
```

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