

Converting Colors

Hex(7CAA58)

Have a look what the booklet for
Hex(7CAA58) contains.

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Color

Hex(7CAA58)

Conversions

Conversions Part 1

Format	Color
Hex	7CAA58
RGB	124, 170, 88
RGB Percent	49%, 67%, 35%
CMY	0.5137, 0.3333, 0.6549
CMYK	0.27, 0.00, 0.48, 0.33
HSL	94°, 33%, 51%
HSV	94°, 48%, 67%
XYZ	24.4484, 33.7391, 14.4563
YIQ	146.8980, -1.0940, -35.2540

Conversions

Conversions Part 2

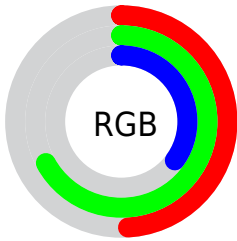
Format	Color
RYB	88, 170, 134
Decimal	8170072
CIELab	64.75, -30.10, 37.20
CIELCh	65, 47.852, 128.972
Yxy	33.7391, 0.3366, 0.4644
Android (android.graphics.Color)	4286360152 (0xFF7CAA58)
YUV	146.8980, -29.0367, -20.0815
Hunter-Lab	58.0854, -26.5181, 25.9037

Details

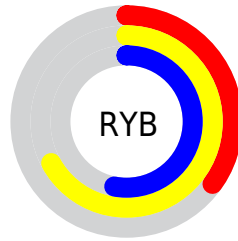
The Hex color **7CAA58** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8658AA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B2E28C**, and **487527** is the 20% darker color. If you saturate the color by 10%, you get **72AA47**, and if you desaturate by 10%, it is **86AA69**.

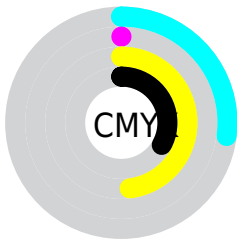
Distribution



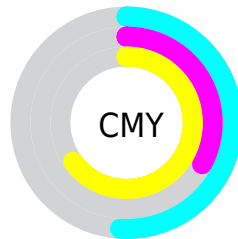
- Red (49%)
- Green (67%)
- Blue (35%)



- Red (35%)
- Yellow (67%)
- Blue (53%)



- Cyan (27%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAA58 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 7CAA58 by changing the saturation by 10% instead.



7CAA58



7CAA58

FFFFFF



628F3F



B2E28C



487527



CEFEA6



2F5D0D



EBFFC2



154500



FFFFDE



002E00



FFFFFFB



001900



000000



7CAA58



7CAA58



72AA47



86AA69

■ 69AA36

■ 8FAA7A

■ 5FAA25

■ 99AA8B

■ 56AA14

■ A2AA9C

■ 4CAA03

■ ACAAAD

■ 4BAA00

■ B5AABE

■ BFAACF

■ C8AAE0

■ D2AAF1

Harmonies

Analogous

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



AA9F45



7CAA58



3DB17D

Triad

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



7CAA58



00AAEC



ED7992

Complementary

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



7CAA58



8658AA

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.



DC7EBD



7CAA58



6C9DF1

Square

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



7CAA58



00B1D2



B18DE0



E78169

Rectangle

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



7CAA58



00B39A



B18DE0



EA79A0

Sweetspot

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



7CAA58



CCDEBF



AA8558



65705D



F0F0F0



707070

Same Dimension

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



7CAA58



96DE5D



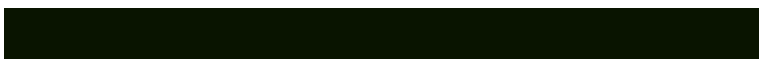
58AA5C



4F544C



419400



091400

Inverse Universe

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



8658AA



A55DDE



AA58A6



504C54



530094



0B0014

Previews

White Background



This preview shows how the Hex color 7CAA58 looks on a white background.

Color Contrast Check

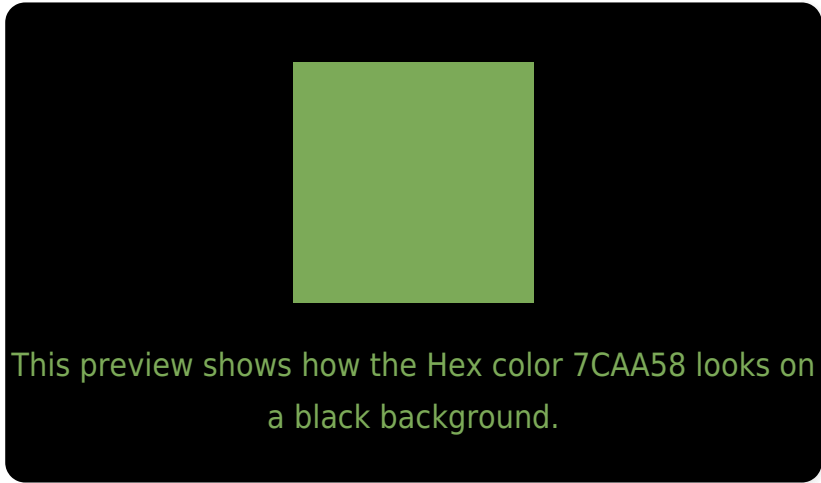
Large Text (above 18pt) WCAG AA × Fail

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 7CAA58 Background



This preview shows how black text looks on a background with the Hex color 7CAA58.



This preview shows how white text looks on a background with the Hex color 7CAA58.

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
7CAA58

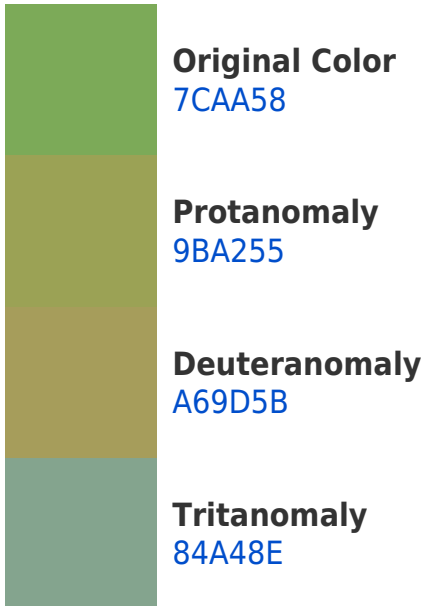
Protanopia
AC9D53

Deuteranopia
BE955D

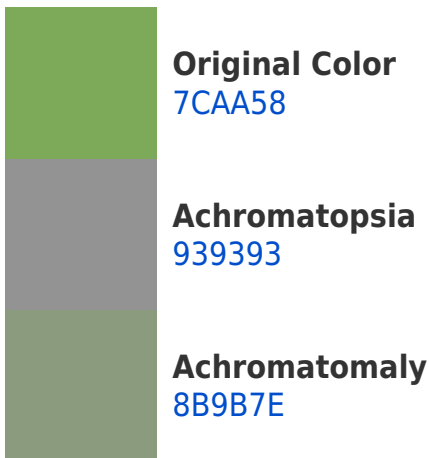


Tritanopia
89A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAA58 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 #7CAA58 looks like.

```
.text, #text, p{  
    color:#7CAA58  
}
```

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 #7CAA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAA58  
}
```

Border

The CSS property to change the border of an element to Hex 7CAA58 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  
#7CAA58 }
```

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

```
.border{ border-color:#7CAA58 }
```

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

Here you see how a box with a 4 pixel #7CAA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAA58; -webkit-box-shadow:4px 4px  
4px 4px #7CAA58; box-shadow:4px 4px 4px  
4px #7CAA58 }
```

Background

The CSS property to change the background color of an element to Hex 7CAA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAA58 }
```

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

```
.background{ background-color:#7CAA58 }
```

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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