

Converting Colors

Hex(7CAE76)

Have a look what the booklet for
Hex(7CAE76) contains.

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Color

Hex(7CAE76)

Conversions

Conversions Part 1

Format	Color
Hex	7CAE76
RGB	124, 174, 118
RGB Percent	49%, 68%, 46%
CMY	0.5137, 0.3176, 0.5373
CMYK	0.29, 0.00, 0.32, 0.32
HSL	114°, 26%, 57%
HSV	114°, 32%, 68%
XYZ	26.7182, 35.8652, 22.6540
YIQ	152.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

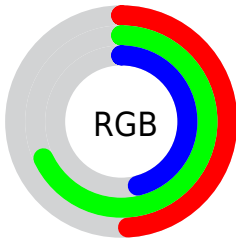
Format	Color
RYB	118, 174, 168
Decimal	8171126
CIELab	66.42, -27.71, 23.59
CIELCh	66, 36.388, 139.593
Yxy	35.8652, 0.3135, 0.4208
Android (android.graphics.Color)	4286361206 (0xFF7CAE76)
YUV	152.6660, -17.0903, -25.1401
Hunter-Lab	59.8876, -25.1672, 19.4933

Details

The Hex color **7CAE76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A876AE**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B2E6AB**, and **497945** is the 20% darker color. If you saturate the color by 10%, you get **6CAE65**, and if you desaturate by 10%, it is **8CAE87**.

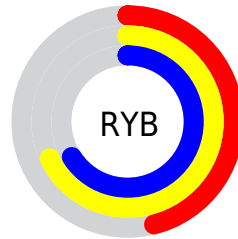
Distribution



Red (49%)

Green (68%)

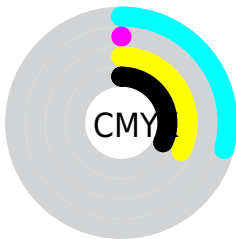
Blue (46%)



Red (46%)

Yellow (68%)

Blue (66%)

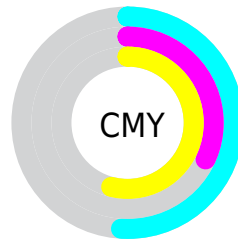


Cyan (29%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAE76 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 7CAE76 by changing the saturation by 10% instead.

 7CAE76

 7CAE76

FFFFFF

 62935D

 B2E6AB

 497945

 CEFFC6

 30602E

 EAFFE2

 174818

 003100

 001E00

 000000

 7CAE76

 7CAE76

 6CAE65

 8CAE87

 5DAE53

 9BAE99

 4DAE42

 ABAEAA

 3EAE30

 BAAEBC

 2EAE1F

 CAAECD

 1FAE0E

 D9AEDE

 13AE00

 E9AEF0

 F8AEFF

 FFAEFF

Harmonies

Analogous

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



A1A663



7CAE76



51B295

Triad

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



7CAE76



5EA8E1



E1898D

Complementary

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



7CAE76



A876AE

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.



DA89AE



7CAE76



959DDF

Square

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



7CAE76



21B0D2



BF91CC



D89071

Rectangle

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



7CAE76



31B3AB



BF91CC



E18898

Sweetspot

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



7CAE76



CFE3CC



AEA776



667365



F2F2F2



737373

Same Dimension

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



7CAE76



94E38A



76AE8B



4F574E



109600



021700

Inverse Universe

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



A876AE



D98AE3



AE7699



564E57



860096



140017

Previews

White Background



This preview shows how the Hex color 7CAE76 looks on a white background.

Color Contrast Check

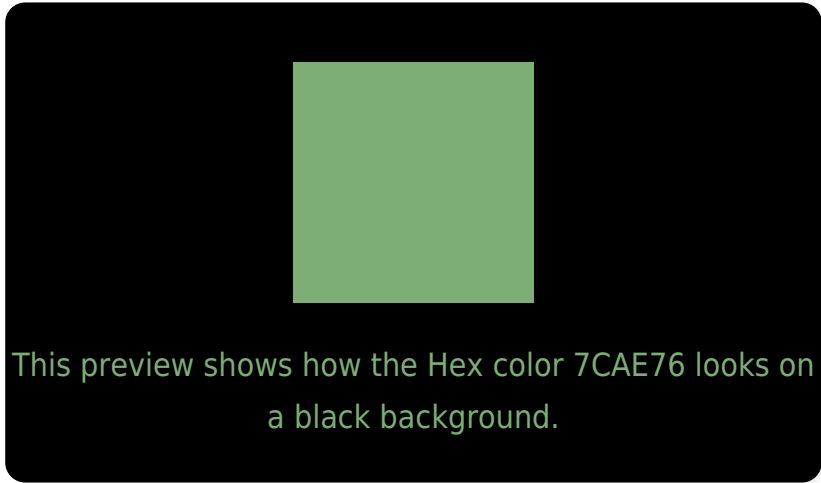
Large Text (above 18pt) WCAG AA × Fail

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

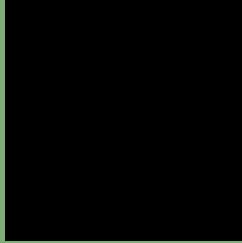
Any Text WCAG AA ✓ Pass

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 7CAE76 Background



This preview shows how black text looks on a background with the Hex color 7CAE76.

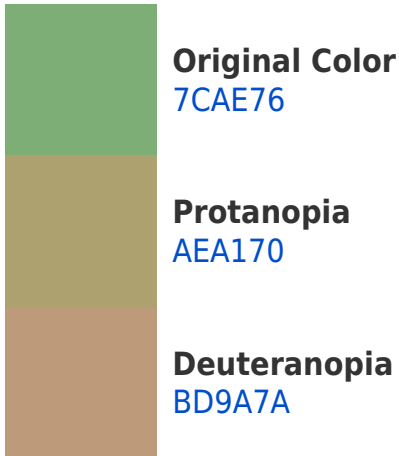


This preview shows how white text looks on a background with the Hex color 7CAE76.

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](#).

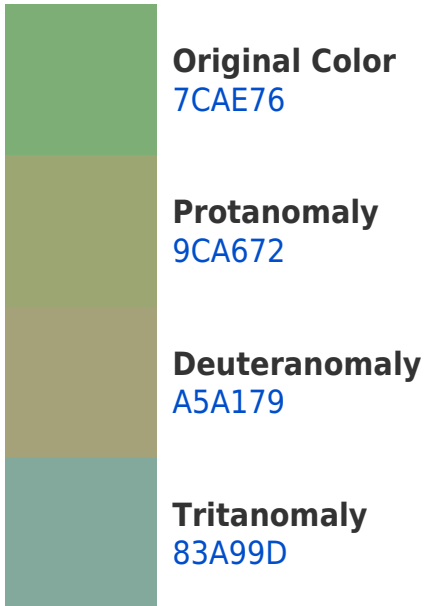
Dichromacy





Tritanopia
87A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAE76 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 #7CAE76 looks like.

```
.text, #text, p{  
    color:#7CAE76  
}
```

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 #7CAE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAE76
}
```

Border

The CSS property to change the border of an element to Hex 7CAE76 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
#7CAE76 }
```

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

```
.border{ border-color:#7CAE76 }
```

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

Here you see how a box with a 4 pixel #7CAE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAE76; -webkit-box-shadow:4px 4px  
4px 4px #7CAE76; box-shadow:4px 4px 4px  
4px #7CAE76 }
```

Background

The CSS property to change the background color of an element to Hex 7CAE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAE76 }
```

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

```
.background{ background-color:#7CAE76 }
```

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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