

Converting Colors

Hex(6CAA73)

Have a look what the booklet for
Hex(6CAA73) contains.

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Color

Hex(6CAA73)

Conversions

Conversions Part 1

Format	Color
Hex	6CAA73
RGB	108, 170, 115
RGB Percent	42%, 67%, 45%
CMY	0.5765, 0.3333, 0.5490
CMYK	0.36, 0.00, 0.32, 0.33
HSL	127°, 27%, 55%
HSV	127°, 36%, 67%
XYZ	23.6536, 33.1754, 21.3765
YIQ	145.1920, -19.2970, -30.2490

Conversions

Conversions Part 2

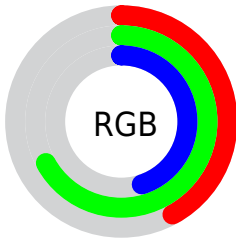
Format	Color
RYB	108, 164, 170
Decimal	7121523
CIELab	64.30, -31.63, 22.21
CIELCh	64, 38.651, 144.921
Yxy	33.1754, 0.3025, 0.4242
Android (android.graphics.Color)	4285311603 (0xFF6CAA73)
YUV	145.1920, -14.8847, -32.6174
Hunter-Lab	57.5981, -27.4928, 18.3143

Details

The Hex color **6CAA73** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA6CA3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A2E2A7**, and **387542** is the 20% darker color. If you saturate the color by 10%, you get **5BAA64**, and if you desaturate by 10%, it is **7DAA82**.

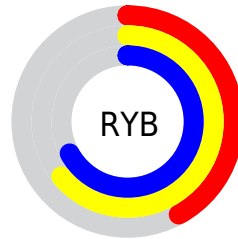
Distribution



Red (42%)

Green (67%)

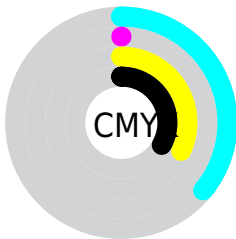
Blue (45%)



Red (42%)

Yellow (64%)

Blue (67%)

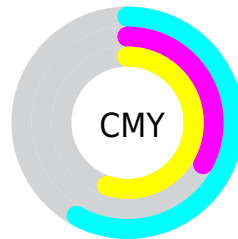


Cyan (36%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAA73 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 6CAA73 by changing the saturation by 10% instead.



6CAA73



6CAA73

FFFFFF



528F5A



A2E2A7



387542



BDFEC3



1E5C2C



DAFFDF



004416



F7FFFB



002D00



001800



000000



6CAA73



6CAA73



5BAA64



7DAA82

 4AAA55

 8EAA91

 39AA46

 9FAAA0

 28AA37

 B0AAAF

 17AA28

 C1AABE

 06AA19

 D2AACD

 00AA13

 E3AADD

 F4AAEC

 FFAAFB

Harmonies

Analogous

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



95A35C



6CAA73



39AE95

Triad

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



6CAA73



5CA1E0



DE8281

Complementary

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



6CAA73



AA6CA3

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.



DA81A3



6CAA73



9795DA

Square

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



6CAA73



00AAD3



C289C4



D18C65

Rectangle

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



6CAA73



00AEAC



C289C4



DF818C

Sweetspot

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



6CAA73



C5DEC8



A4AA6C



627063



F0F0F0



707070

Same Dimension

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



6CAA73



7CDE87



6CAA91



4C544D



009411



001402

Inverse Universe

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



AA6CA3



DE7CD3



AA6C85



544C53



940083



140012

Previews

White Background



This preview shows how the Hex color 6CAA73 looks on a white background.

Color Contrast Check

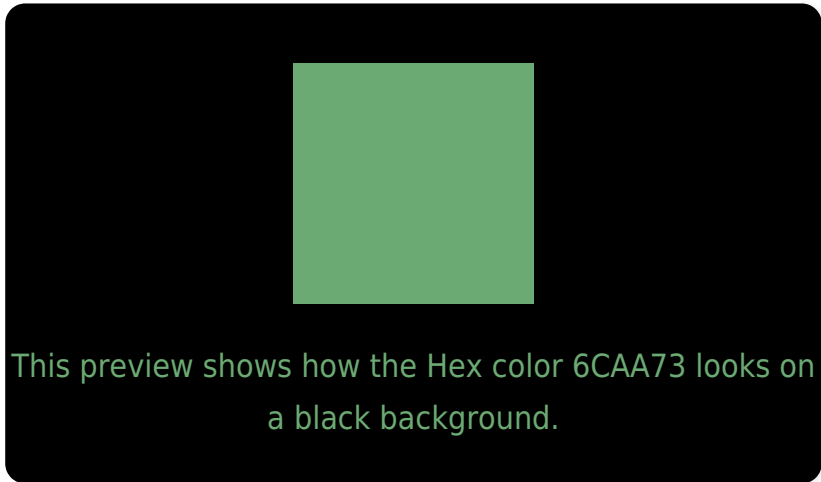
Large Text (above 18pt) WCAG AA × Fail

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 6CAA73 Background



This preview shows how black text looks on a background with the Hex color 6CAA73.

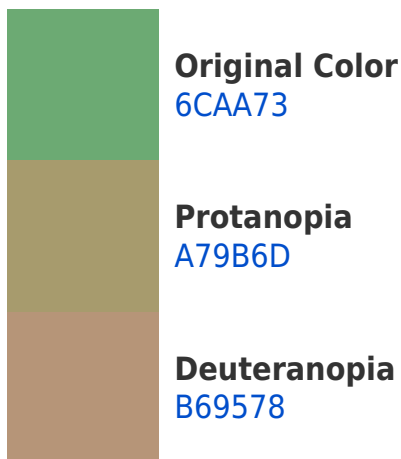


This preview shows how white text looks on a background with the Hex color 6CAA73.

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](#).

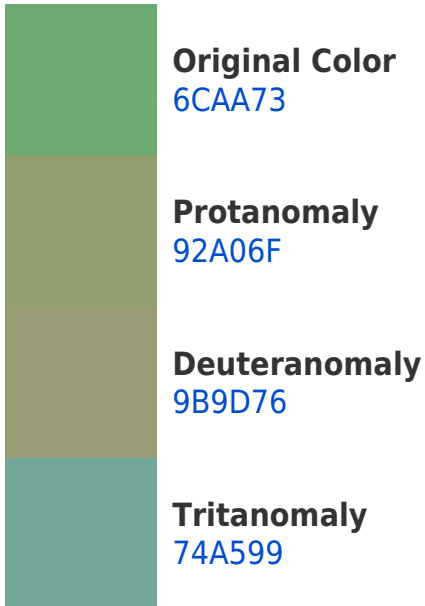
Dichromacy





Tritanopia
78A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAA73 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 #6CAA73 looks like.

```
.text, #text, p{  
    color:#6CAA73  
}
```

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 #6CAA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAA73
}
```

Border

The CSS property to change the border of an element to Hex 6CAA73 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
#6CAA73 }
```

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

```
.border{ border-color:#6CAA73 }
```

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

Here you see how a box with a 4 pixel #6CAA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAA73; -webkit-box-shadow:4px 4px  
4px 4px #6CAA73; box-shadow:4px 4px 4px  
4px #6CAA73 }
```

Background

The CSS property to change the background color of an element to Hex 6CAA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAA73 }
```

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

```
.background{ background-color:#6CAA73 }
```

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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