

Converting Colors

Hex(64C68A)

Have a look what the booklet for
Hex(64C68A) contains.

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Color

Hex(64C68A)

Conversions

Conversions Part 1

Format	Color
Hex	64C68A
RGB	100, 198, 138
RGB Percent	39%, 78%, 54%
CMY	0.6078, 0.2235, 0.4588
CMYK	0.49, 0.00, 0.30, 0.22
HSL	143°, 46%, 58%
HSV	143°, 49%, 78%
XYZ	30.0371, 44.9325, 31.1345
YIQ	161.8580, -39.1480, -39.4360

Conversions

Conversions Part 2

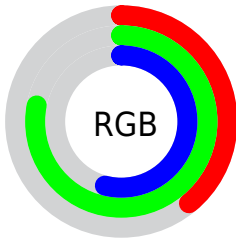
Format	Color
RYB	100, 171, 198
Decimal	6604426
CIELab	72.85, -42.39, 21.42
CIELCh	73, 47.496, 153.189
Yxy	44.9325, 0.2831, 0.4235
Android (android.graphics.Color)	4284794506 (0xFF64C68A)
YUV	161.8580, -11.7620, -54.2495
Hunter-Lab	67.0317, -37.3192, 19.3835

Details

The Hex color **64C68A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C664A0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9CFFC0**, and **288F58** is the 20% darker color. If you saturate the color by 10%, you get **50C67E**, and if you desaturate by 10%, it is **78C696**.

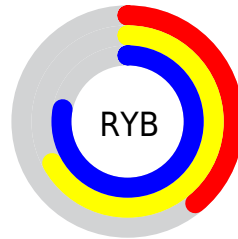
Distribution



Red (39%)

Green (78%)

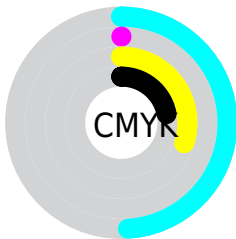
Blue (54%)



Red (39%)

Yellow (67%)

Blue (78%)

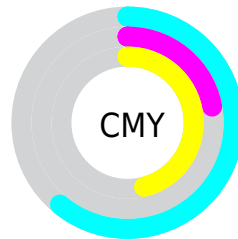


Cyan (49%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (61%)

Magenta (22%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C68A 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 64C68A by changing the saturation by 10% instead.

 64C68A

 64C68A

FFFFFF

 48AA70

 9CFFC0

 288F58

 B9FFDC

 007540

 D6FFF8

 005C29

 F3FFFF

 004314

 002D00

 001200

 000000

 64C68A

 64C68A

 50C67E

 78C696

 3CC672

 8CC6A2

 29C666

 9FC6AE

 15C65A

 B3C6BA

 01C64D

 C7C6C7

 00C64D

 DBC6D3

 EFC6DF

 FFC6EB

 FFC6F7

Harmonies

Analogous

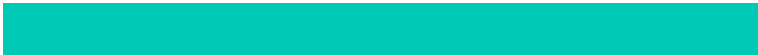
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CBE68



64C68A



00C9B6

Triad

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



64C68A



74B6FF



FF9485

Complementary

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



64C68A



C664A0

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.



FF8FB0



64C68A



BDA6FC

Square

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



64C68A



00C2FF



ED96DB



EDA266

Rectangle

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



64C68A



00C9D4



ED96DB



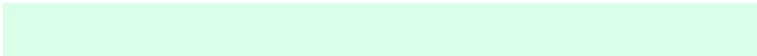
FF9193

Sweetspot

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



64C68A



D9FFE8



A0C664



698071



000000



808080

Same Dimension

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



64C68A



69FFA3



64C6BB



5A635D



00A33F



00240E

Inverse Universe

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



C664A0



FF69C5



C6646F



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color 64C68A looks on a white background.

Color Contrast Check

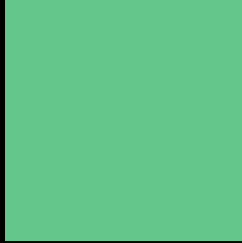
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 64C68A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

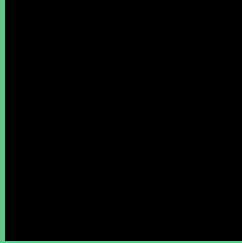
Any Text WCAG AA ✓ Pass

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 64C68A Background



This preview shows how black text looks on a background with the Hex color 64C68A.

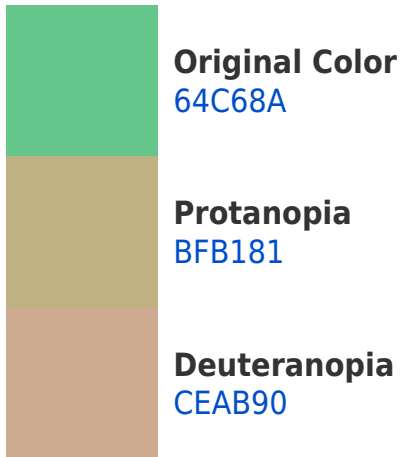


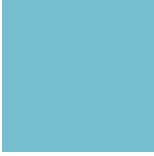
This preview shows how white text looks on a background with the Hex color 64C68A.

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
75BECD

Trichromacy



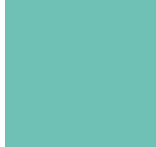
Original Color
64C68A



Protanomaly
9EB984



Deuteranomaly
A7B58E



Tritanomaly
6FC1B5

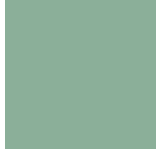
Monochromacy



Original Color
64C68A



Achromatopsia
A2A2A2



Achromatomaly
8BAF99

CSS Examples

Text

The CSS property to change the color of the text to Hex 64C68A 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 #64C68A looks like.

```
.text, #text, p{  
    color:#64C68A  
}
```

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 #64C68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C68A
}
```

Border

The CSS property to change the border of an element to Hex 64C68A 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
#64C68A }
```

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

```
.border{ border-color:#64C68A }
```

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

Here you see how a box with a 4 pixel #64C68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C68A; -webkit-box-shadow:4px 4px  
4px 4px #64C68A; box-shadow:4px 4px 4px  
4px #64C68A }
```

Background

The CSS property to change the background color of an element to Hex 64C68A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C68A }
```

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

```
.background{ background-color:#64C68A }
```

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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