

# Converting Colors

Hex(C2AEA2)

Have a look what the booklet for  
Hex(C2AEA2) contains.

<b>Hex(C2AEA2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C2AEA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2AEA2
RGB	194, 174, 162
RGB Percent	76%, 68%, 64%
CMY	0.2392, 0.3176, 0.3647
CMYK	0.00, 0.10, 0.16, 0.24
HSL	23°, 21%, 70%
HSV	23°, 16%, 76%
XYZ	43.9058, 44.3501, 40.4288
YIQ	178.6120, 15.7720, 0.5080

# Conversions

## Conversions Part 2

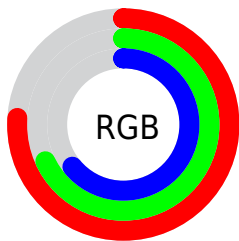
Format	Color
<a href="#">RYB</a>	<a href="#">194, 181, 162</a>
Decimal	<a href="#">12758690</a>
CIELab	<a href="#">72.46, 5.21, 8.77</a>
CIELCh	<a href="#">72, 10.203, 59.279</a>
Yxy	<a href="#">44.3501, 0.3412, 0.3446</a>
Android (android.graphics.Color)	<a href="#">4290948770</a> ( <a href="#">0xFFC2AEA2</a> )
YUV	<a href="#">178.6120, -8.1897, 13.4953</a>
Hunter-Lab	<a href="#">66.5959, 1.1400, 10.6235</a>

# Details

The Hex color **C2AEA2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A2B6C2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FBE5D9**, and **8C7A6E** is the 20% darker color. If you saturate the color by 10%, you get **C2A28F**, and if you desaturate by 10%, it is **C2BAB5**.

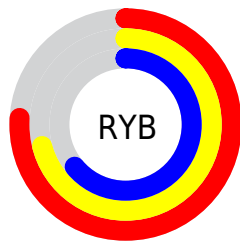
# Distribution



Red (76%)

Green (68%)

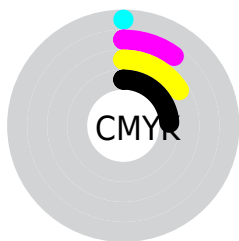
Blue (64%)



Red (76%)

Yellow (71%)

Blue (64%)

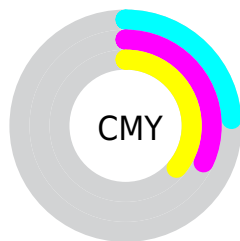


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2AEA2 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 C2AEA2 by changing the saturation by 10% instead.





C2AEA2



C2AEA2

FFFFFF



A79388



FBE5D9



8C7A6E



FFFFF5



726156



5A493F



423329



2B1E15



170500



000000



C2AEA2



C2AEA2

 C2A28F

 C2BAB5

 C2967B

 C2C6C9

 C28A68

 C2D2DC

 C27E54

 C2DEF0

 C27141

 C2EBFF

 C2652E

 C2F7FF

 C2591A

 C2FFFF

 C24D07

 C24900

# Harmonies

## Analogous

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



C6ACA9



C2AEA2



BAB19F

# Triad

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



C2AEA2



9DB7B1



B3AFC2

# Complementary

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



C2AEA2



A2B6C2

# 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.



A8B3C4



C2AEA2



9BB7BA

# Square

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



C2AEA2



A5B6A8



9EB5C1



BEADBB

# Rectangle

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



C2AEA2



B3B3A0



9EB5C1



B0B0C3

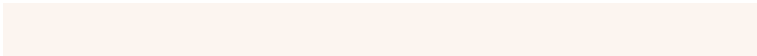


# Sweetspot

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



C2AEA2



FCF5F0



C2A2B6



807B78



000000



808080

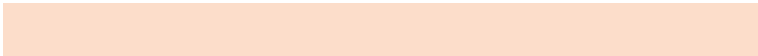


# Same Dimension

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



C2AE2



FCDDCA



C2BE2



615B57



A13C00



210C00

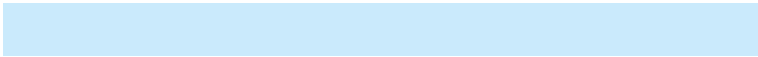


# Inverse Universe

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



A2B6C2



CAEAFD



A2A6C2



575D61



0064A1



001521



# Previews

## White Background



This preview shows how the Hex color C2AEA2 looks on a white background.

## Color Contrast Check

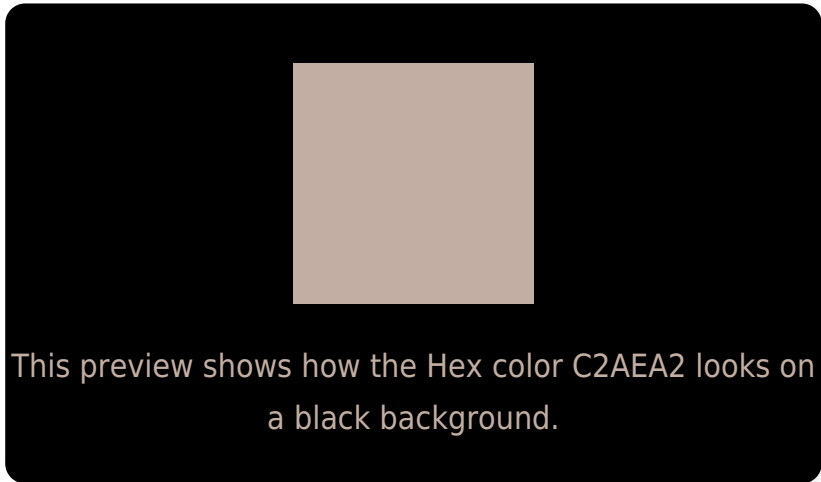
Large Text (above 18pt) WCAG AA × Fail

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

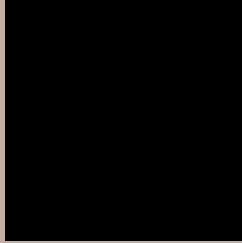
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2AEA2 Background



This preview shows how black text looks on a background with the Hex color C2AEA2.



This preview shows how white text looks on a background with the Hex color C2AEA2.

# 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**  
C2AEA2

**Protanopia**  
B8B1A4

**Deuteranopia**  
C9ACA2



**Tritanopia**  
C5ABB8

# Trichromacy



**Original Color**  
C2AEA2

**Protanomaly**  
BCB0A3

**Deuteranomaly**  
C6ADA2

**Tritanomaly**  
C4ACB0

# Monochromacy



**Original Color**  
C2AEA2

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B8B1AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2AEA2 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 #C2AEA2 looks like.

```
.text, #text, p{  
    color:#C2AEA2  
}
```

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 #C2AEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AEA2
}
```

## Border

The CSS property to change the border of an element to Hex C2AEA2 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
#C2AEA2 }
```

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

```
.border{ border-color:#C2AEA2 }
```

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

Here you see how a box with a 4 pixel #C2AEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AEA2; -webkit-box-shadow:4px 4px  
4px 4px #C2AEA2; box-shadow:4px 4px 4px  
4px #C2AEA2 }
```

# Background

The CSS property to change the background color of an element to Hex C2AEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AEA2 }
```

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

```
.background{ background-color:#C2AEA2 }
```

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