

# Converting Colors

Hex(C5AAA1)

Have a look what the booklet for  
Hex(C5AAA1) contains.

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# **Color**

**Hex(C5AAA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5AAA1
RGB	197, 170, 161
RGB Percent	77%, 67%, 63%
CMY	0.2275, 0.3333, 0.3686
CMYK	0.00, 0.14, 0.18, 0.23
HSL	15°, 24%, 70%
HSV	15°, 18%, 77%
XYZ	43.8337, 43.1930, 39.7450
YIQ	177.0470, 18.9810, 2.9250

# Conversions

## Conversions Part 2

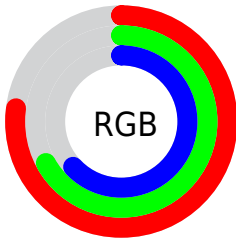
Format	Color
<a href="#">RYB</a>	<a href="#">197, 173, 161</a>
Decimal	<a href="#">12954273</a>
CIELab	<a href="#">71.69, 8.35, 8.25</a>
CIELCh	<a href="#">72, 11.734, 44.661</a>
Yxy	<a href="#">43.1930, 0.3458, 0.3407</a>
Android (android.graphics.Color)	<a href="#">4291144353 (0xFFC5AAA1)</a>
YUV	<a href="#">177.0470, -7.9112, 17.4988</a>
Hunter-Lab	<a href="#">65.7214, 4.0405, 10.1493</a>

# Details

The Hex color **C5AAA1** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A1BCC5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FEE1D8**, and **8F766E** is the 20% darker color. If you saturate the color by 10%, you get **C59B8D**, and if you desaturate by 10%, it is **C5B9B5**.

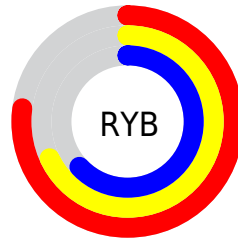
# Distribution



Red (77%)

Green (67%)

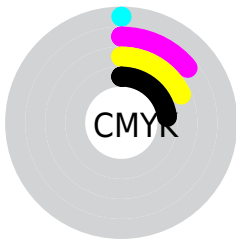
Blue (63%)



Red (77%)

Yellow (68%)

Blue (63%)

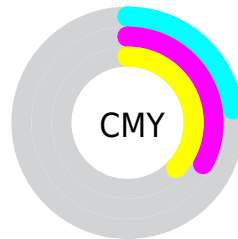


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5AAA1 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 C5AAA1 by changing the saturation by 10% instead.



 C5AAA1

 C5AAA1

FFFFFF

 AA9087

 FEE1D8

 8F766E

 FFFE4

 755D55

 5C463E

 442F28

 2D1A14

 190000

 000000

 C5AAA1

 C5AAA1

 C59B8D

 C5B9B5

 C58C7A

 C5C8C8

 C57E66

 C5D6DC

 C56F52

 C5E5F0

 C5603F

 C5F4FF

 C5512B

 C5FFFF

 C54317

 C53403

 C53100

# Harmonies

## Analogous

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



C7A8AB



C5AAA1



BEAD9B

# Triad

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



C5AAA1



9CB6AA



ABAFC4

# Complementary

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



C5AAA1



A1BCC5

# 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.



9EB2C4



C5AAA1



95B6B5

# Square

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



C5AAA1



A6B4A0



96B5BE



B8ABBF

# Rectangle

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



C5AAA1



B7AF9A



96B5BE



A6B0C5

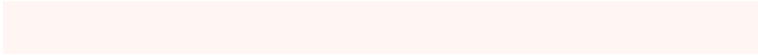


# Sweetspot

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



C5AAA1



FFF5F2



C5A1BC



807A78



000000



808080



# Same Dimension

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



C5AAA1



FFD5C7



C5BBA1



635C5A



A32900



240900

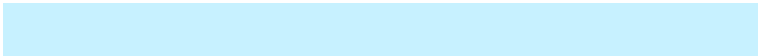


# Inverse Universe

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



A1BCC5



C7F1FF



A1AAC5



5A6163



007AA3



001B24



# Previews

## White Background



This preview shows how the Hex color C5AAA1 looks on a white background.

## Color Contrast Check

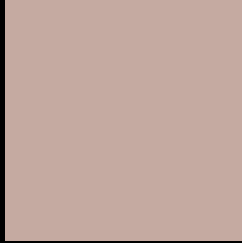
Large Text (above 18pt) WCAG AA × Fail

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 C5AAA1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

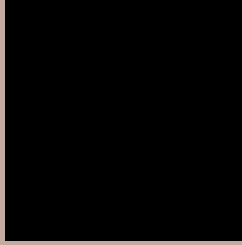
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5AAA1 Background



This preview shows how black text looks on a background with the Hex color C5AAA1.

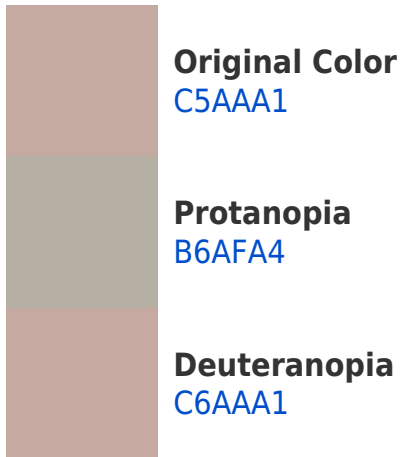


This preview shows how white text looks on a background with the Hex color C5AAA1.

# 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**  
C7A7B4

# Trichromacy



**Original Color**  
C5AAA1

**Protanomaly**  
BBADA3

**Deuteranomaly**  
C6AAA1

**Tritanomaly**  
C6A8AD

# Monochromacy



**Original Color**  
C5AAA1

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
B8AEAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5AAA1 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 #C5AAA1 looks like.

```
.text, #text, p{  
    color:#C5AAA1  
}
```

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 #C5AAA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AAA1
}
```

## Border

The CSS property to change the border of an element to Hex C5AAA1 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
#C5AAA1 }
```

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

```
.border{ border-color:#C5AAA1 }
```

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

Here you see how a box with a 4 pixel #C5AAA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AAA1; -webkit-box-shadow:4px 4px  
4px 4px #C5AAA1; box-shadow:4px 4px 4px  
4px #C5AAA1 }
```

# Background

The CSS property to change the background color of an element to Hex C5AAA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AAA1 }
```

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

```
.background{ background-color:#C5AAA1 }
```

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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