

# Converting Colors

Hex(AAA9A5)

Have a look what the booklet for  
Hex(AAA9A5) contains.

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# **Color**

**Hex(AAA9A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA9A5
RGB	170, 169, 165
RGB Percent	67%, 66%, 65%
CMY	0.3333, 0.3373, 0.3529
CMYK	0.00, 0.01, 0.03, 0.33
HSL	48°, 3%, 66%
HSV	48°, 3%, 67%
XYZ	37.5571, 39.6386, 41.2689
YIQ	168.8430, 1.8800, -1.0320

# Conversions

## Conversions Part 2

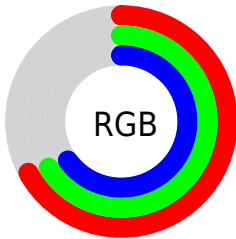
Format	Color
<a href="#">RYB</a>	<a href="#">166, 170, 165</a>
Decimal	<a href="#">11184549</a>
CIELab	<a href="#">69.21, -0.38, 2.18</a>
CIELCh	<a href="#">69, 2.211, 100.016</a>
Yxy	<a href="#">39.6386, 0.3170, 0.3346</a>
Android (android.graphics.Color)	<a href="#">4289374629 (0xFFAAA9A5)</a>
YUV	<a href="#">168.8430, -1.8946, 1.0147</a>
Hunter-Lab	<a href="#">62.9592, -3.6979, 5.2077</a>

# Details

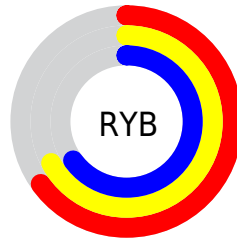
The Hex color **AAA9A5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5A6AA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E1E0DC**, and **767571** is the 20% darker color. If you saturate the color by 10%, you get **AAA694**, and if you desaturate by 10%, it is **AAACB6**.

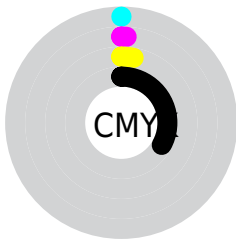
# Distribution



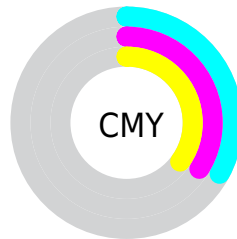
- Red (67%)
- Green (66%)
- Blue (65%)



- Red (65%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA9A5 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 AAA9A5 by changing the saturation by 10% instead.





AAA9A5



AAA9A5

FFFFFF



908F8B



E1E0DC



767571



FEFDF8



5D5C59



464541



2F2F2B



1B1A17



000000



AAA9A5



AAA9A5



AAA694



AAACB6

■ AAA283

■ AAB0C7

■ AA9F72

■ AAB3D8

■ AA9B61

■ AAB7E9

■ AA9850

■ AABAFA

■ AA953F

■ AABDFF

■ AA912E

■ AAC1FF

■ AA8E1D

■ AAC4FF

■ AA8A0C

■ AAC8FF

# Harmonies

## Analogous

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



ACA8A5



AAA9A5



A8AAA6

# Triad

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



AAA9A5



A4AAAB



ACA8AA

# Complementary

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



AAA9A5



A5A6AA

# 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.



AAA8AC



AAA9A5



A6AAAD

# Square

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



AAA9A5



A4AAAA



A8A9AD



ADA8A8

# Rectangle

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



AAA9A5



A6AAA7



A8A9AD



ACA8AB



# Sweetspot

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



AAA9A5



DEDDDC



AAA5A6



70706F



F0F0F0



707070



# Same Dimension

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



AAA9A5



DEDCD5



A8AAA5



545350



947600



141000

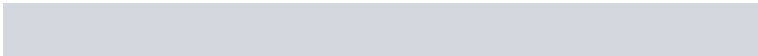


# Inverse Universe

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



A5A6AA



D5D7DE



A6A5AA



505154



001E94



000414



# Previews

## White Background



This preview shows how the Hex color AAA9A5 looks on a white background.

## Color Contrast Check

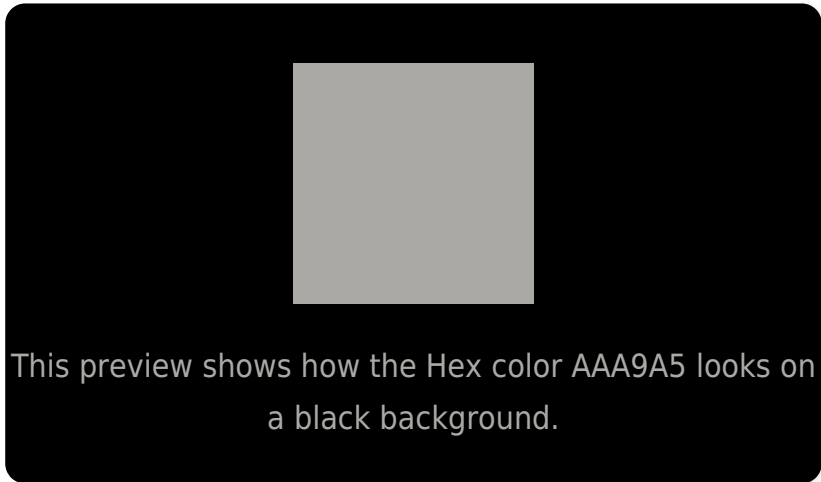
Large Text (above 18pt) WCAG AA × Fail

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

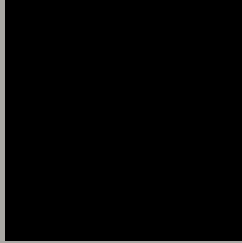
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

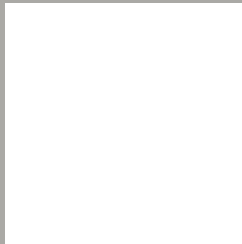
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAA9A5 Background



This preview shows how black text looks on a background with the Hex color AAA9A5.

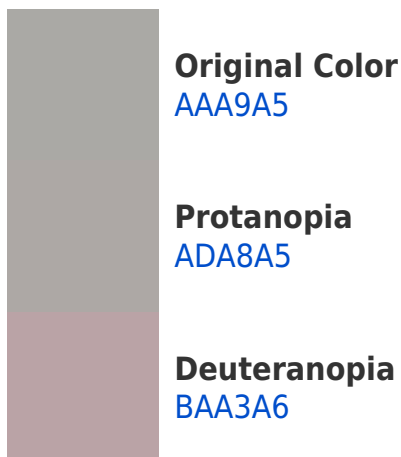


This preview shows how white text looks on a background with the Hex color AAA9A5.

# 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





# Trichromacy



**Original Color**

AAA9A5

**Protanomaly**

ACA8A5

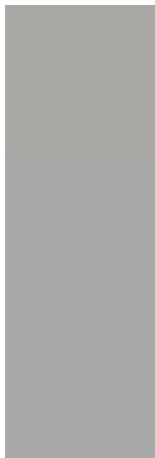
**Deuteranomaly**

B4A5A6

**Tritanomaly**

ABA8AF

# Monochromacy



**Original Color**

AAA9A5

**Achromatopsia**

A9A9A9

**Achromatomaly**

A9A9A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA9A5 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 #AAA9A5 looks like.

```
.text, #text, p{  
    color:#AAA9A5  
}
```

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 #AAA9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA9A5
}
```

## Border

The CSS property to change the border of an element to Hex AAA9A5 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
#AAA9A5 }
```

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

```
.border{ border-color:#AAA9A5 }
```

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

Here you see how a box with a 4 pixel #AAA9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA9A5; -webkit-box-shadow:4px 4px  
4px 4px #AAA9A5; box-shadow:4px 4px 4px  
4px #AAA9A5 }
```

# Background

The CSS property to change the background color of an element to Hex AAA9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA9A5 }
```

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

```
.background{ background-color:#AAA9A5 }
```

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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