

# Converting Colors

Hex(AAC195)

Have a look what the booklet for  
Hex(AAC195) contains.

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# **Color**

**Hex(AAC195)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AAC195
RGB	170, 193, 149
RGB Percent	67%, 76%, 58%
CMY	0.3333, 0.2431, 0.4157
CMYK	0.12, 0.00, 0.23, 0.24
HSL	91°, 26%, 67%
HSV	91°, 23%, 76%
XYZ	41.0723, 48.8559, 35.6992
YIQ	181.1070, 0.4160, -18.5600

# Conversions

## Conversions Part 2

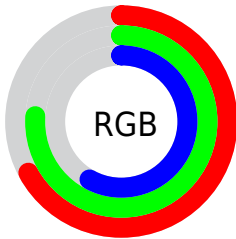
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 193, 172
Decimal	11190677
CIELab	75.36, -15.79, 19.61
CIELCh	75, 25.175, 128.835
Yxy	48.8559, 0.3269, 0.3889
Android (android.graphics.Color)	4289380757 (0xFFAAC195)
YUV	181.1070, -15.8288, -9.7408
Hunter-Lab	69.8970, -17.4309, 18.6462

# Details

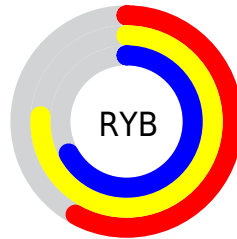
The Hex color **AAC195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC95C1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E2F9CB**, and **758B62** is the 20% darker color. If you saturate the color by 10%, you get **A0C182**, and if you desaturate by 10%, it is **B4C1A8**.

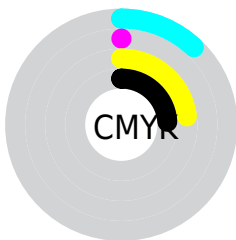
# Distribution



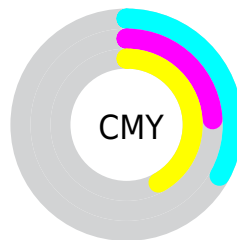
- Red (67%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAC195 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 AAC195 by changing the saturation by 10% instead.



 AAC195

 AAC195

FFFFFF

 8FA67B

 E2F9CB

 758B62

 FEFFE7

 5C724A

 445933

 2D421D

 182C06

 001800

 000000

 AAC195

 AAC195

 A0C182

 B4C1A8

 96C16E

 BEC1BC

 8CC15B

 C8C1CF

 82C148

 D2C1E2

 78C135

 DCC1F6

 6DC121

 E7C1FF

 63C10E

 F1C1FF

 5CC100

 FBC1FF

 FFC1FF

# Harmonies

## Analogous

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



C4BA8C



AAC195



90C5A8

# Triad

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



AAC195



89C1E4



E9A9B3

# Complementary

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



AAC195



AC95C1

# 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.



DDABCB



AAC195



A7B9E7

# Square

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



AAC195



78C5D6



C6B1DE



E7AC9E

# Rectangle

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



AAC195



81C7B8



C6B1DE



E6A9BB



# Sweetspot

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



AAC195



F1FAE8



C1AC95



787D73



FCFCFC



7D7D7D

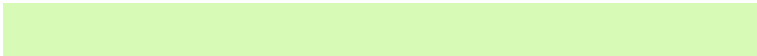


# Same Dimension

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



AAC195



D7FAB6



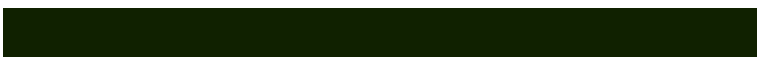
95C196



5C6157



4DA100



102100



# Inverse Universe

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



AC95C1



DAB6FA



C195C0



5C5761



5400A1

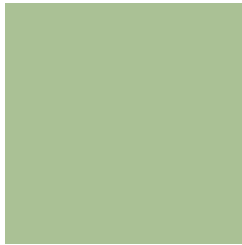


110021



# Previews

## White Background



This preview shows how the Hex color AAC195 looks on a white background.

## Color Contrast Check

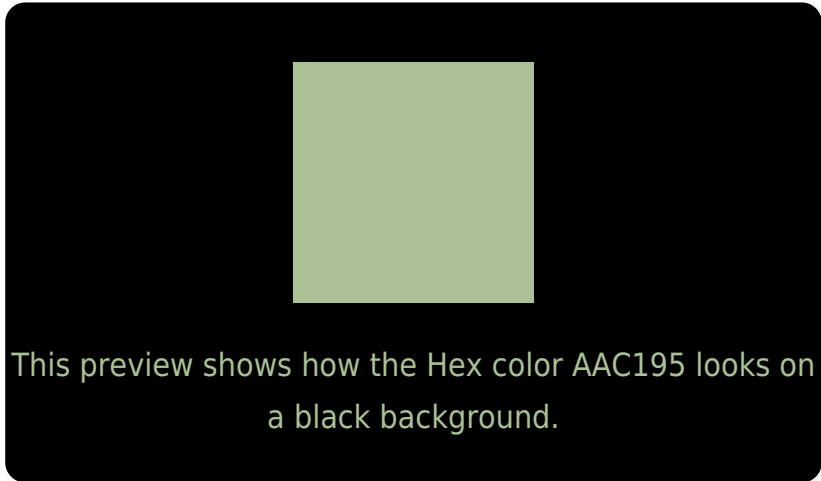
Large Text (above 18pt) WCAG AA × Fail

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

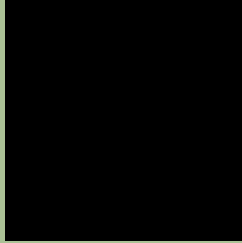
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAC195 Background



This preview shows how black text looks on a background with the Hex color AAC195.

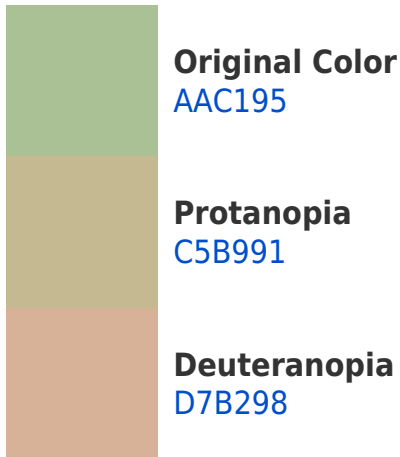


This preview shows how white text looks on a background with the Hex color AAC195.

# Color Blindness Simulation

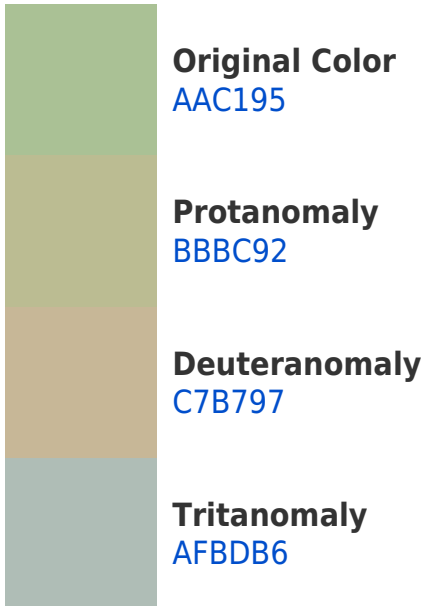
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

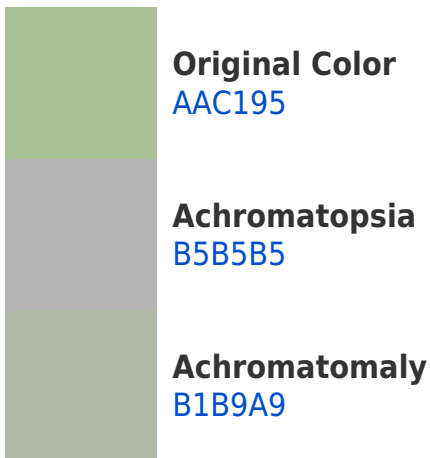




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAC195 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 #AAC195 looks like.

```
.text, #text, p{  
    color:#AAC195  
}
```

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 #AAC195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC195
}
```

## Border

The CSS property to change the border of an element to Hex AAC195 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
#AAC195 }
```

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

```
.border{ border-color:#AAC195 }
```

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

Here you see how a box with a 4 pixel #AAC195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC195; -webkit-box-shadow:4px 4px  
4px 4px #AAC195; box-shadow:4px 4px 4px  
4px #AAC195 }
```

# Background

The CSS property to change the background color of an element to Hex AAC195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC195 }
```

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

```
.background{ background-color:#AAC195 }
```

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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