

# Converting Colors

Hex(AAACB5)

Have a look what the booklet for  
Hex(AAACB5) contains.

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# **Color**

**Hex(AAACB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAACB5
RGB	170, 172, 181
RGB Percent	67%, 67%, 71%
CMY	0.3333, 0.3255, 0.2902
CMYK	0.06, 0.05, 0.00, 0.29
HSL	229°, 7%, 69%
HSV	229°, 6%, 71%
XYZ	39.6706, 41.3873, 49.6137
YIQ	172.4280, -4.0810, 2.3750

# Conversions

## Conversions Part 2

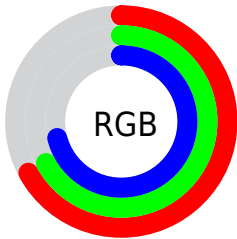
Format	Color
<b>RYB</b>	170, 172, 181
Decimal	11185333
CIELab	70.45, 1.05, -4.86
CIELCh	70, 4.968, 282.190
Yxy	41.3873, 0.3036, 0.3167
Android (android.graphics.Color)	4289375413 (0xFFAAACB5)
YUV	172.4280, 4.2260, -2.1294
Hunter-Lab	64.3330, -2.5116, -0.6915

# Details

The Hex color **AAACB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5B3AA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E1E3ED**, and **767880** is the 20% darker color. If you saturate the color by 10%, you get **989DB5**, and if you desaturate by 10%, it is **BCBBB5**.

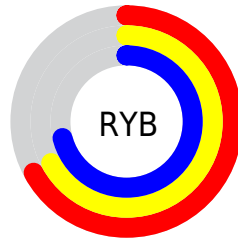
# Distribution



Red (67%)

Green (67%)

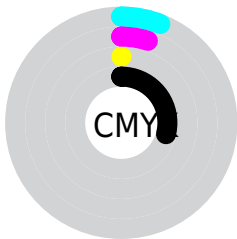
Blue (71%)



Red (67%)

Yellow (67%)

Blue (71%)

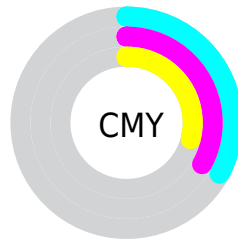


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (33%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAACB5 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 AAACB5 by changing the saturation by 10% instead.



■ AAACB5

■ AAACB5

FFFFFF

■ 90919A

■ E1E3ED

■ 767880

FEFFFF

■ 5D5F67

■ 46474F

■ 2F3138

■ 1A1C23

■ 00010D

■ 000000

■ AAACB5

■ AAACB5

■ 989DB5

■ BCBBB5

■ 868EB5

■ CECAB5

■ 7480B5

■ E0D8B5

■ 6271B5

■ F2E7B5

■ 4F62B5

■ FFF6B5

■ 3D53B5

■ FFFFB5

■ 2B44B5

■ 1936B5

■ 0727B5

# Harmonies

## Analogous

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



A5ADB5



AAACB5



AFABB3

# Triad

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



AAACB5



B6AAA6



A4AFA9

# Complementary

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



AAACB5



B5B3AA

# 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.



A9AEA6



AAACB5



B3ABA4

# Square

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



AAACB5



B6A9AB



AEADA3



A2FAFE

# Rectangle

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



AAACB5



B3AAB1



AEADA3



A6AFA8

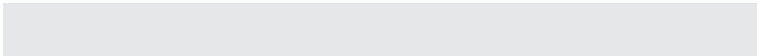


# Sweetspot

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



AAACB5



E6E7EB



AAB5B3



737375



F5F5F5



757575



# Same Dimension

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



AAACB5



DADDEB



ADAAB5



525359



001C99



00051A



# Inverse Universe

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



B5AAAC



EBDADD



B2B5AA



595253



99001C

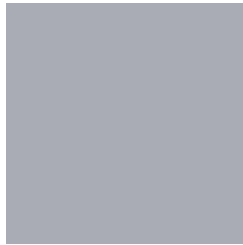


1A0005



# Previews

## White Background



This preview shows how the Hex color AAACB5 looks on a white background.

## Color Contrast Check

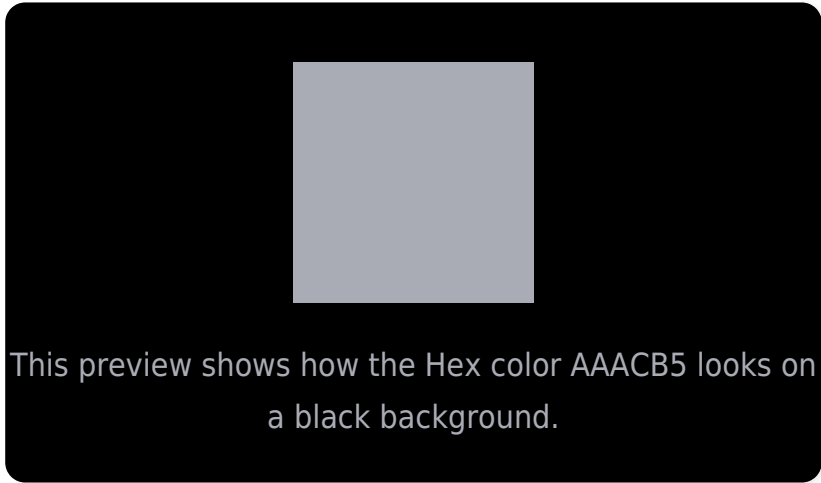
Large Text (above 18pt) WCAG AA × Fail

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

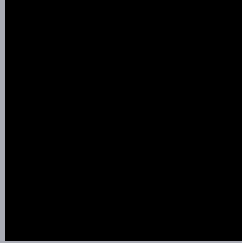
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

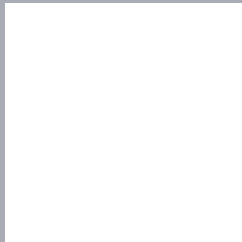
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAACB5 Background



This preview shows how black text looks on a background with the Hex color AAACB5.



This preview shows how white text looks on a background with the Hex color AAACB5.

# 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**

AAACB5

**Protanopia**

ADABB5

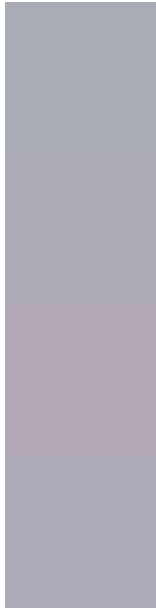
**Deuteranopia**

B8A7B6



**Tritanopia**  
ABABB9

# Trichromacy



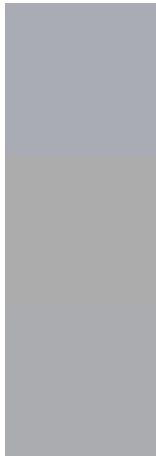
**Original Color**  
AAACB5

**Protanomaly**  
ACABB5

**Deuteranomaly**  
B3A9B6

**Tritanomaly**  
ABABB8

# Monochromacy



**Original Color**  
AAACB5

**Achromatopsia**  
ACACAC

**Achromatomaly**  
ABACAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAACB5 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 #AAACB5 looks like.

```
.text, #text, p{  
    color:#AAACB5  
}
```

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 #AAACB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAACB5
}
```

## Border

The CSS property to change the border of an element to Hex AAACB5 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
#AAACB5 }
```

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

```
.border{ border-color:#AAACB5 }
```

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

Here you see how a box with a 4 pixel #AAACB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAACB5; -webkit-box-shadow:4px 4px  
4px 4px #AAACB5; box-shadow:4px 4px 4px  
4px #AAACB5 }
```

# Background

The CSS property to change the background color of an element to Hex AAACB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAACB5 }
```

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

```
.background{ background-color:#AAACB5 }
```

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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