

# Converting Colors

Hex(AAC3D5)

Have a look what the booklet for  
Hex(AAC3D5) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(AAC3D5)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(AAC3D5)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | AAC3D5                     |
| RGB         | 170, 195, 213              |
| RGB Percent | 67%, 76%, 84%              |
| CMY         | 0.3333, 0.2353, 0.1647     |
| CMYK        | 0.20, 0.08, 0.00, 0.16     |
| HSL         | 205°, 34%, 75%             |
| HSV         | 205°, 20%, 84%             |
| XYZ         | 48.1029, 52.3804, 70.5259  |
| YIQ         | 189.5770, -20.6780, 0.2980 |

# Conversions

## Conversions Part 2

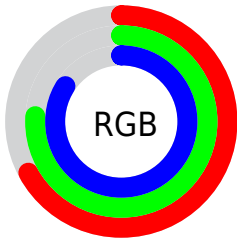
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 170, 186, 213                  |
| Decimal                             | 11191253                       |
| CIELab                              | 77.51, -4.59, -11.82           |
| CIElCh                              | 78, 12.686, 248.769            |
| Yxy                                 | 52.3804, 0.2813,<br>0.3063     |
| Android<br>(android.graphics.Color) | 4289381333<br>(0xFFAAC3D5)     |
| YUV                                 | 189.5770, 11.5475,<br>-17.1690 |
| Hunter-Lab                          | 72.3743, -8.0166,<br>-7.1138   |

# Details

The Hex color **AAC3D5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D5BCAA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E2FCFF**, and **758D9E** is the 20% darker color. If you saturate the color by 10%, you get **95BAD5**, and if you desaturate by 10%, it is **BFCCD5**.

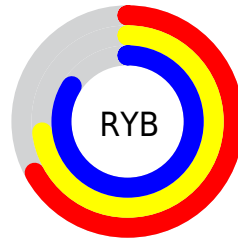
# Distribution



Red (67%)

Green (76%)

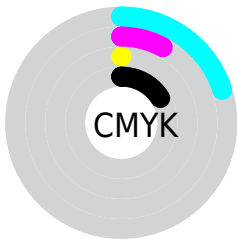
Blue (84%)



Red (67%)

Yellow (73%)

Blue (84%)

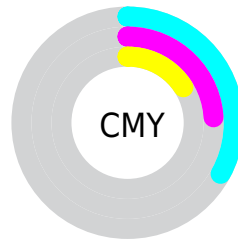


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (24%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAC3D5 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 AAC3D5 by changing the saturation by 10% instead.



■ AAC3D5

■ AAC3D5

FFFFFF

■ 8FA8B9

■ E2FCFF

■ 758D9E

■ 5C7484

■ 445B6B

■ 2C4453

■ 152E3C

■ 001926

■ 000111

■ 000000

 AAC3D5

 AAC3D5

 95BAD5

 BFCCD5

 7FB1D5

 D5D5D5

 6AA8D5

 EADED5

 559FD5

 FFE7D5

 3F96D5

 FFF0D5

 2A8ED5

 FFF8D5

 1585D5

 FFFF5D5

 007CD5

# Harmonies

## Analogous

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



A3C6CE



AAC3D5



B7BFD6

# Triad

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



AAC3D5



D8B8BC



B8C3AD

# Complementary

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



AAC3D5



D5BCAA

# 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.



C6C0A8



AAC3D5



D8B9B1

# Square

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



AAC3D5



D2B8C8



D1BCAA



ABC6B7

# Rectangle

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



AAC3D5



C1BDD4



D1BCAA



BDC2AB

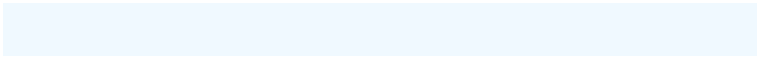


# Sweetspot

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



AAC3D5



F0F9FF



AAD5BC



777C80



000000



808080

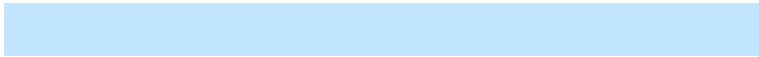


# Same Dimension

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



AAC3D5



C2E5FF



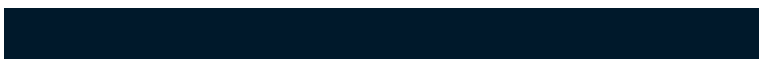
AAAED5



60676B



0063AB



00192B



# Inverse Universe

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



D5AAC3



FFC2E5



D5D1AA



6B6067



AB0063

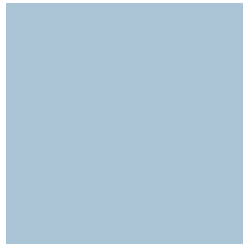


2B0019



# Previews

## White Background



This preview shows how the Hex color AAC3D5 looks on a white background.

## Color Contrast Check

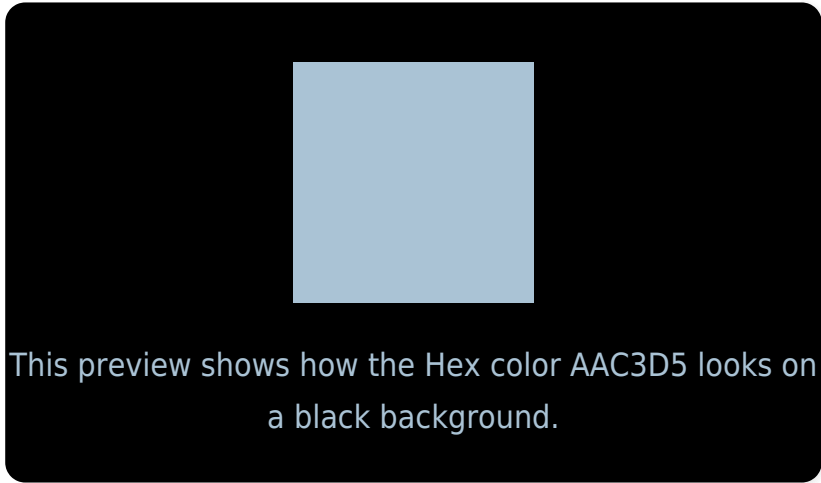
Large Text (above 18pt) WCAG AA × Fail

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

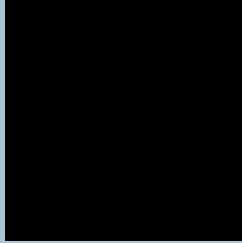
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

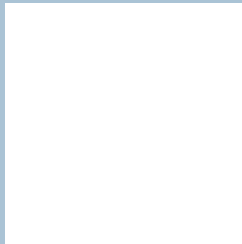
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAC3D5 Background



This preview shows how black text looks on a background with the Hex color AAC3D5.

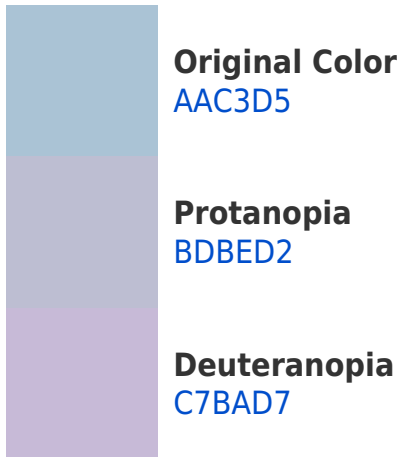


This preview shows how white text looks on a background with the Hex color AAC3D5.

# Color Blindness Simulation

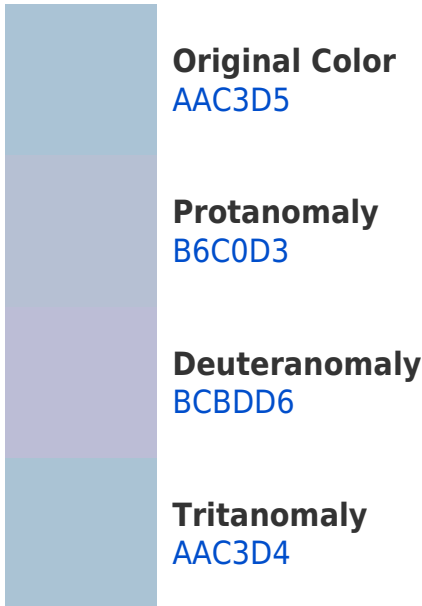
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

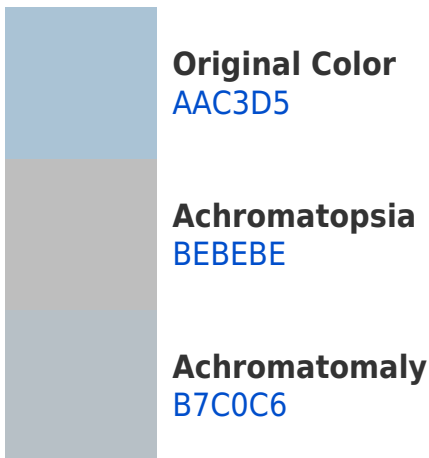




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAC3D5 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 #AAC3D5 looks like.

```
.text, #text, p{  
    color:#AAC3D5  
}
```

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 #AAC3D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC3D5
}
```

## Border

The CSS property to change the border of an element to Hex AAC3D5 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
#AAC3D5 }
```

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

```
.border{ border-color:#AAC3D5 }
```

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

Here you see how a box with a 4 pixel #AAC3D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC3D5; -webkit-box-shadow:4px 4px  
4px 4px #AAC3D5; box-shadow:4px 4px 4px  
4px #AAC3D5 }
```

# Background

The CSS property to change the background color of an element to Hex AAC3D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC3D5 }
```

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

```
.background{ background-color:#AAC3D5 }
```

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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