

# Converting Colors

Hex(AAAABD)

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

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# Color

Hex(AAAABD)

# Conversions

## Conversions Part 1

Format	Color
Hex	AAAABD
RGB	170, 170, 189
RGB Percent	67%, 67%, 74%
CMY	0.3333, 0.3333, 0.2588
CMYK	0.10, 0.10, 0.00, 0.26
HSL	240°, 13%, 70%
HSV	240°, 10%, 74%
XYZ	40.1376, 40.9696, 53.9366
YIQ	172.1660, -6.0990, 5.9090

# Conversions

## Conversions Part 2

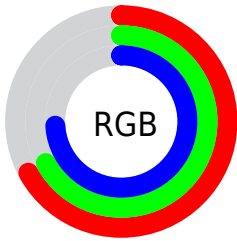
Format	Color
R <sub>Y</sub> B	170, 170, 189
Decimal	11184829
CIE Lab	70.15, 3.77, -9.71
CIE LCh	70, 10.411, 291.215
Yxy	40.9696, 0.2972, 0.3034
Android (android.graphics.Color)	4289374909 (0xFFAAAABD)
YUV	172.1660, 8.2992, -1.8996
Hunter-Lab	64.0075, -0.0800, -5.1560

# Details

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

A 20% lighter version of the original color is **E1E1F5**, and **767688** is the 20% darker color. If you saturate the color by 10%, you get **9797BD**, and if you desaturate by 10%, it is **BDBDBD**.

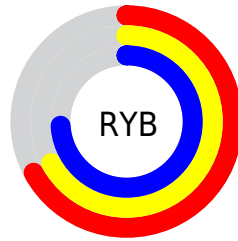
# Distribution



Red (67%)

Green (67%)

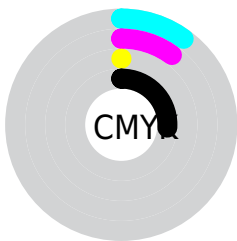
Blue (74%)



Red (67%)

Yellow (67%)

Blue (74%)

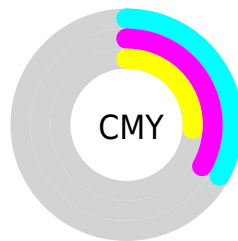


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (33%)

Yellow (26%)

# Brightness & Saturation Gradients

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



■ AAAABD

■ AAAABD

FFFFFF

■ 8F90A2

■ E1E1F5

■ 767688

FEFEFF

■ 5D5D6E

■ 454656

■ 2F2F3F

■ 1A1B29

■ 000015

■ 000000

■ AAAABD

■ AAAABD

9797BD

BDBDBD

8484BD

D0D0BD

7171BD

E3E3BD

5E5EBD

F6F6BD

4B4BBD

FFFFBD

3939BD

2626BD

1313BD

0000BD

# Harmonies

## Analogous

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



9EADBE



AAAABD



B5A7B7

# Triad

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



AAAABD



BDA79D



98B1A8

# Complementary

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



AAAABD



BDBDAA

# 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.



A1B09F



AAAABD



B6AA99

# Square

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



AAAABD



C0A5A5



ACAD9A



94B1B2

# Rectangle

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



AAAABD



BBA6B2



ACAD9A



9BB1A5



# Sweetspot

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



AAAABD



EDEDF5



AABDBD



76767A



FAFAFA



7A7A7A



# Same Dimension

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



AAAABD



D7D7F5



B3AABD



5555E



00009E



00001F



# Inverse Universe

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



BDAABD



F5D7F5



B3BDAA



5E555E



9E009E

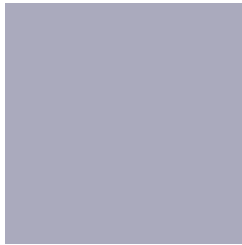


1F001F



# Previews

## White Background



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

## Color Contrast Check

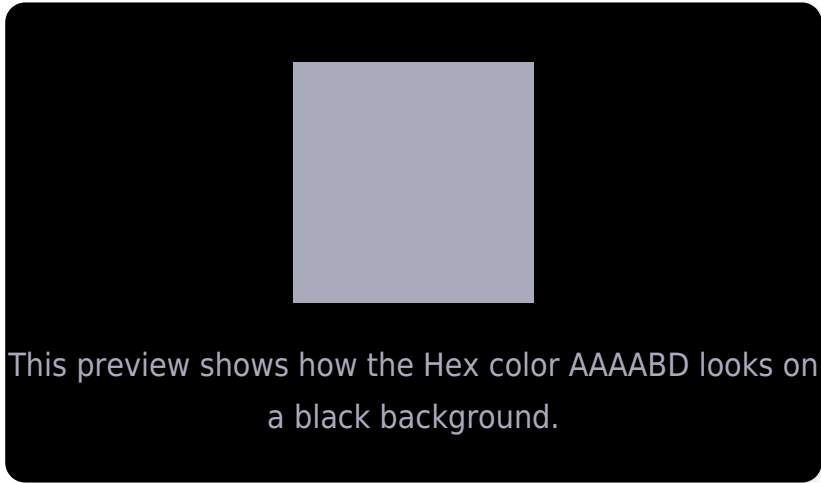
Large Text (above 18pt) WCAG AA × Fail

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

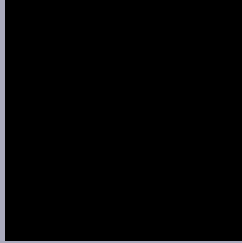
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAAABD Background



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



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

# 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**  
AAAABD

**Protanopia**  
A9AABD

**Deuteranopia**  
B4A7BE



**Tritanopia**  
A9ABB8

# Trichromacy



**Original Color**

AAAABD

**Protanomaly**

A9AABD

**Deuteranomaly**

B0A8BE

**Tritanomaly**

A9ABBA

# Monochromacy



**Original Color**

AAAABD

**Achromatopsia**

ACACAC

**Achromatomaly**

ABABB2

# CSS Examples

## Text

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

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

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 #AAAABD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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