

# Converting Colors

Hex(AAAAD5)

Have a look what the booklet for  
Hex(AAAAD5) contains.

<b>Hex(AAAAD5)</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(AAAAD5)

# Conversions

## Conversions Part 1

Format	Color
Hex	AAAAD5
RGB	170, 170, 213
RGB Percent	67%, 67%, 84%
CMY	0.3333, 0.3333, 0.1647
CMYK	0.20, 0.20, 0.00, 0.16
HSL	240°, 34%, 75%
HSV	240°, 20%, 84%
XYZ	42.9625, 42.0996, 68.8125
YIQ	174.9020, -13.8030, 13.3730

# Conversions

## Conversions Part 2

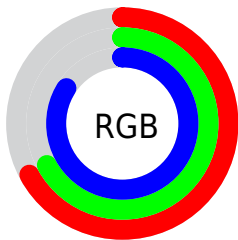
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 170, 213
Decimal	11184853
CIELab	70.94, 8.99, -21.74
CIELCh	71, 23.521, 292.460
Yxy	42.0996, 0.2792, 0.2736
Android (android.graphics.Color)	4289374933 (0xFFAAAAD5)
YUV	174.9020, 18.7823, -4.2991
Hunter-Lab	64.8842, 4.6449, -17.4606

# Details

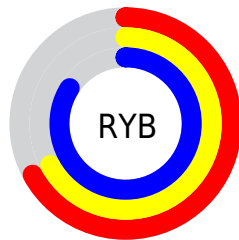
The Hex color **AAAAD5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5D5AA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E2E1FF**, and **75769E** is the 20% darker color. If you saturate the color by 10%, you get **9595D5**, and if you desaturate by 10%, it is **BFBFD5**.

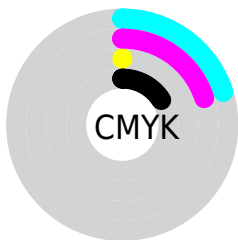
# Distribution



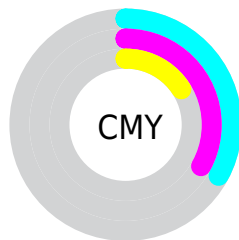
- Red (67%)
- Green (67%)
- Blue (84%)



- Red (67%)
- Yellow (67%)
- Blue (84%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (33%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAAAD5 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 AAAAD5 by changing the saturation by 10% instead.



■ AAAAD5

■ AAAAD5

FFFFFF

■ 8F90B9

■ E2E1FF

■ 75769E

FFFEFF

■ 5C5D84

■ 44466B

■ 2C3052

■ 151B3B

■ 000026

■ 00010E

■ 000000

■ AAAAD5

■ AAAAD5

■ 9595D5

■ BFBFD5

■ 7F7FD5

■ D5D5D5

■ 6A6AD5

■ EAEAD5

■ 5555D5

■ FFFFD5

■ 3F3FD5

■ 2A2AD5

■ 1515D5

■ 0000D5

# Harmonies

## Analogous

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



8DB1D8



AAAAD5



C4A3C8

# Triad

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



AAAAD5



D3A38C



7EB9A7

# Complementary

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



AAAAD5



D5D5AA

# 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.



94B793



AAAAD5



C3AA83

# Square

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



AAAAD5



DA9F9E



ADB186



71BABD

# Rectangle

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



AAAAD5



D0A0BB



ADB186



85B9A0



# Sweetspot

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



AAAAD5



F0F0FF



AAD5D5



777780



000000



808080



# Same Dimension

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



AAAAD5



C2C2FF



C0AAD5



60606B



0000AB



00002B



# Inverse Universe

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



D5AAD5



FFC2FF



C0D5AA



6B606B



AB00AB

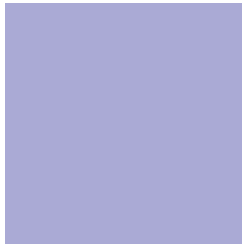


2B002B



# Previews

## White Background



This preview shows how the Hex color AAAAD5 looks on a white background.

## Color Contrast Check

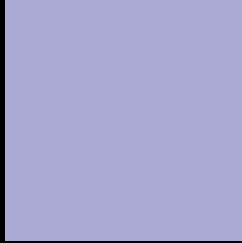
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color AAAD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

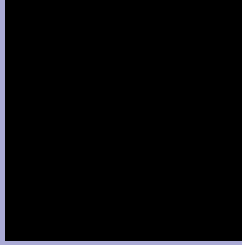
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAAAD5 Background



This preview shows how black text looks on a background with the Hex color AAAAD5.



This preview shows how white text looks on a background with the Hex color AAAAD5.

# 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**  
AAAAD5

**Protanopia**  
A4ACD6

**Deuteranopia**  
AAAAD5



# Trichromacy



**Original Color**  
AAAAD5

**Protanomaly**  
A6ABD6

**Deuteranomaly**  
AAAAD5

**Tritanomaly**  
A7ADC5

# Monochromacy



**Original Color**  
AAAAD5

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
ADADBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAAAD5 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 #AAAAD5 looks like.

```
.text, #text, p{  
    color:#AAAAD5  
}
```

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 #AAAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAAD5  
}
```

## Border

The CSS property to change the border of an element to Hex AAAD5 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  
#AAAD5 }
```

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

```
.border{ border-color:#AAAAD5 }
```

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

Here you see how a box with a 4 pixel #AAAAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAAD5; -webkit-box-shadow:4px 4px  
4px 4px #AAAAD5; box-shadow:4px 4px 4px  
4px #AAAAD5 }
```

# Background

The CSS property to change the background color of an element to Hex AAAAD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAAAD5 }
```

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

```
.background{ background-color:#AAAAD5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor