

Converting Colors

Hex(AAAAAC)

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

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Color

Hex(AAAAAC)

Conversions

Conversions Part 1

Format	Color
Hex	AAAAAC
RGB	170, 170, 172
RGB Percent	67%, 67%, 67%
CMY	0.3333, 0.3333, 0.3255
CMYK	0.01, 0.01, 0.00, 0.33
HSL	240°, 1%, 67%
HSV	240°, 1%, 67%
XYZ	38.3987, 40.2741, 44.7796
YIQ	170.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

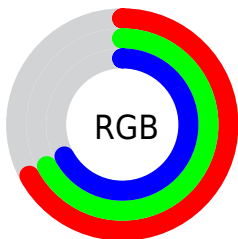
Format	Color
RYB	170, 170, 172
Decimal	11184812
CIELab	69.66, 0.38, -1.03
CIElCh	70, 1.103, 290.340
Yxy	40.2741, 0.3110, 0.3262
Android (android.graphics.Color)	4289374892 (0xFFAAAAAC)
YUV	170.2280, 0.8736, -0.2000
Hunter-Lab	63.4618, -3.0537, 2.5874

Details

The Hex color **AAAAAC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACACAA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E1E1E3**, and **767678** is the 20% darker color. If you saturate the color by 10%, you get **9999AC**, and if you desaturate by 10%, it is **BBBBAC**.

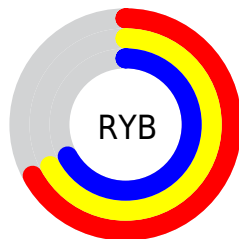
Distribution



Red (67%)

Green (67%)

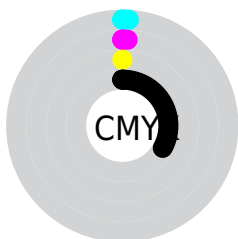
Blue (67%)



Red (67%)

Yellow (67%)

Blue (67%)

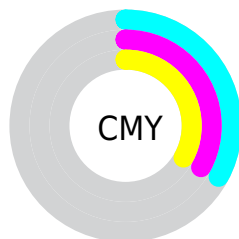


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

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

■ AAAAAC

■ AAAAAC

FFFFFF

■ 909091

■ E1E1E3

■ 767678

FEFEFF

■ 5D5D5F

■ 464647

■ 2F2F31

■ 1B1B1C

■ 000001

■ 000000

■ AAAAAC

■ AAAAAC

■ 9999AC

■ BBBBAC

■ 8888AC

■ CCCCAC

■ 7676AC

■ DEDEAC

■ 6565AC

■ EFEFAC

■ 5454AC

■ FFFFAC

■ 4343AC

■ 3232AC

■ 2020AC

■ 0F0FAC

Harmonies

Analogous

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



A9AAAC



AAAAAC



ABAAAB

Triad

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



AAAAAC



ACAAA9



A8ABAA

Complementary

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



AAAAAC



ACACAA

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.



A9ABA9



AAAAAC



ABAAA8

Square

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



AAAAAC



ACAAA9



AAAAA8



A8ABAB

Rectangle

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



AAAAAC



ACAAAB



AAAAA8



A8ABA9

Sweetspot

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



AAAAAC



E0E0E0



AAACAC



707070



F0F0F0

Same Dimension

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



AAAAAC



DEDEE0



ABAAAC



565657



000096



000017

Inverse Universe

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



ACAAAC



E0DEE0



ABACAA



575657



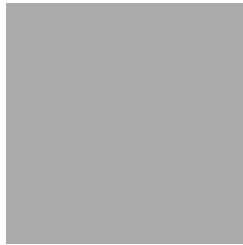
960096



170017

Previews

White Background



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

Color Contrast Check

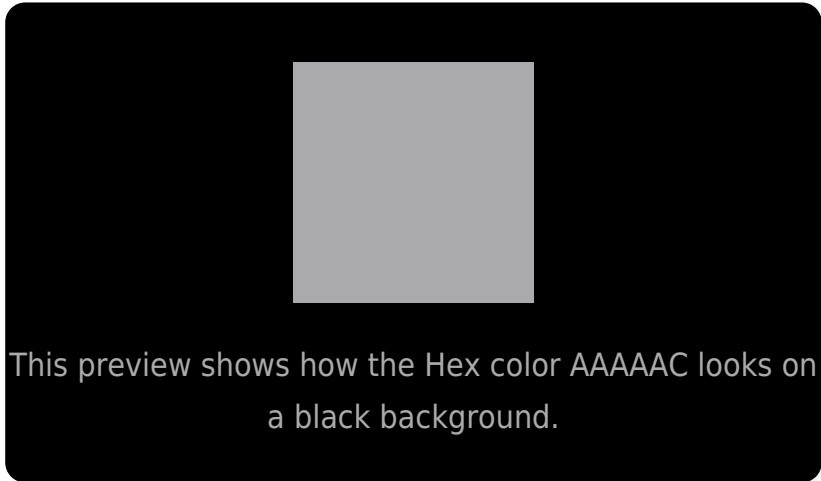
Large Text (above 18pt) WCAG AA × Fail

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

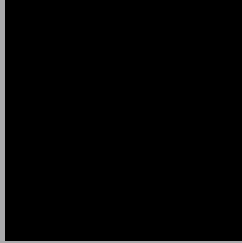
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

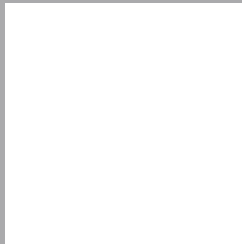
Any Text WCAG AAA ✓ Pass

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

Hex AAAAAC Background



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



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

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

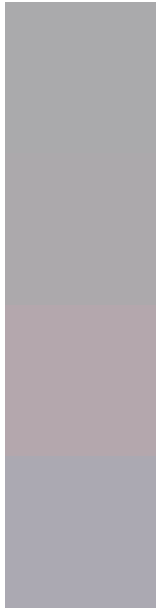


Original Color
AAAAAC

Protanopia
ADA9AC

Deuteranopia
B9A5AD

Trichromacy



Original Color

AAAAAC

Protanomaly

ACA9AC

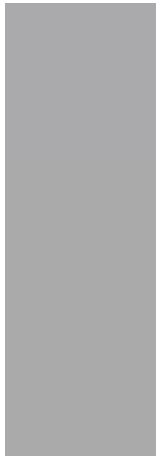
Deuteranomaly

B4A7AD

Tritanomaly

ABA9B2

Monochromacy



Original Color

AAAAAC

Achromatopsia

AAAAAA

Achromatomaly

AAAAAB

CSS Examples

Text

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

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

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 #AAAAAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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