

Converting Colors

Hex(AAA186)

Have a look what the booklet for
Hex(AAA186) contains.

Hex(AAA186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAA186)

Conversions

Conversions Part 1

Format	Color
Hex	AAA186
RGB	170, 161, 134
RGB Percent	67%, 63%, 53%
CMY	0.3333, 0.3686, 0.4745
CMYK	0.00, 0.05, 0.21, 0.33
HSL	45°, 17%, 60%
HSV	45°, 21%, 67%
XYZ	33.6255, 35.7570, 27.6838
YIQ	160.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

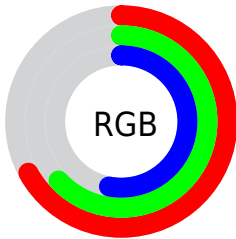
Format	Color
R _Y B	146, 170, 134
Decimal	11182470
CIE Lab	66.33, -1.26, 15.25
CIE LCh	66, 15.304, 94.719
Yxy	35.7570, 0.3464, 0.3684
Android (android.graphics.Color)	4289372550 (0xFFAAA186)
YUV	160.6130, -13.1202, 8.2324
Hunter-Lab	59.7972, -4.2698, 14.4090

Details

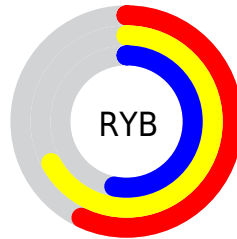
The Hex color **AAA186** is a light color, and the websafe version is hex **999966**. A complement of this color would be **868FAA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E2D8BB**, and **756E54** is the 20% darker color. If you saturate the color by 10%, you get **AA9D75**, and if you desaturate by 10%, it is **AAA597**.

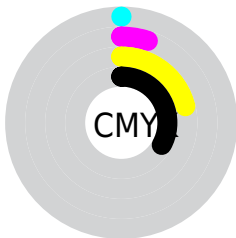
Distribution



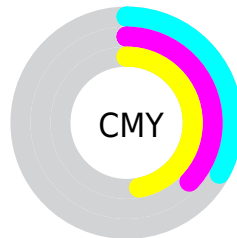
- Red (67%)
- Green (63%)
- Blue (53%)



- Red (57%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA186 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 AAA186 by changing the saturation by 10% instead.

■ AAA186

■ AAA186

FFFFFF

■ 8F876D

■ E2D8BB

■ 756E54

■ FEF4D7

■ 5D553D

■ FFFFF3

■ 453E27

■ 2E2812

■ 191400

■ 000000

■ AAA186

■ AAA186

■ AA9D75

■ AAA597

■ AA9864

■ AAA9A8

■ AA9453

■ AAAEB9

■ AA9042

■ AAB2CA

■ AA8C31

■ AAB6DB

■ AA8720

■ AABBE C

■ AA830F

■ AABFFD

■ AA7F00

■ AAC3FF

■ AAC7FF

Harmonies

Analogous

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



B79C89



AAA186



9BA58A

Triad

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



AAA186



7DA9B0



B599AD

Complementary

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



AAA186



868FAA

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.



A79DB8



AAA186



85A6BA

Square

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



AAA186



80A9A3



95A2BC



BD98A0

Rectangle

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



AAA186



90A791



95A2BC



B19AB1

Sweetspot

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



AAA186



DEDBD1



AA868F



706E68



F0F0F0



707070

Same Dimension

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



AAA186



DED0A6



A1AA86



54524C



946F00



140F00

Inverse Universe

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



868FAA



A6B4DE



8F86AA



4C4E54



002594



000514

Previews

White Background



This preview shows how the Hex color AAA186 looks on a white background.

Color Contrast Check

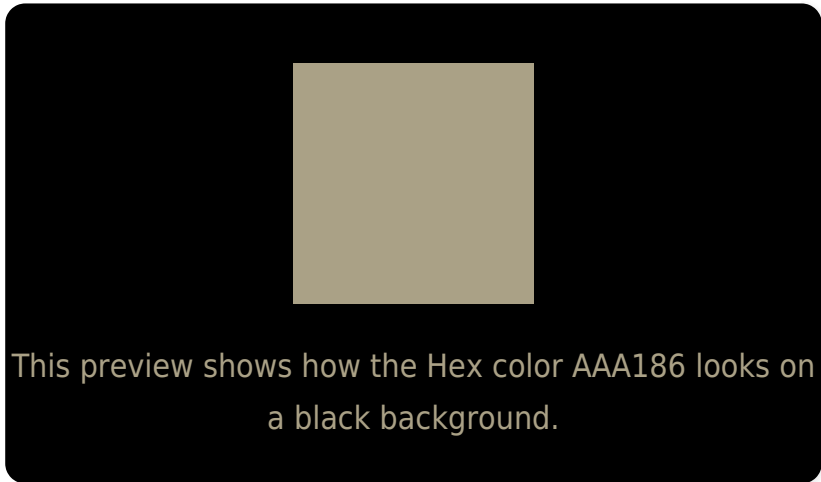
Large Text (above 18pt) WCAG AA × Fail

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

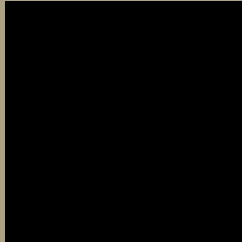
Any Text WCAG AA ✓ Pass

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 AAA186 Background



This preview shows how black text looks on a background with the Hex color AAA186.



This preview shows how white text looks on a background with the Hex color AAA186.

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
AAA186

Protanopia
AAA186

Deuteranopia
BA9B87



Tritanopia
AE9CA8

Trichromacy



Original Color
AAA186

Protanomaly
AAA186

Deuteranomaly
B49D87

Tritanomaly
AD9E9C

Monochromacy



Original Color
AAA186

Achromatopsia
A1A1A1

Achromatomaly
A4A197

CSS Examples

Text

The CSS property to change the color of the text to Hex AAA186 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 #AAA186 looks like.

```
.text, #text, p{  
    color:#AAA186  
}
```

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 #AAA186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA186
}
```

Border

The CSS property to change the border of an element to Hex AAA186 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
#AAA186 }
```

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

```
.border{ border-color:#AAA186 }
```

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

Here you see how a box with a 4 pixel #AAA186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA186; -webkit-box-shadow:4px 4px  
4px 4px #AAA186; box-shadow:4px 4px 4px  
4px #AAA186 }
```

Background

The CSS property to change the background color of an element to Hex AAA186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA186 }
```

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

```
.background{ background-color:#AAA186 }
```

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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