

Converting Colors

Hex(AA1186)

Have a look what the booklet for
Hex(AA1186) contains.

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Color

Hex(AA1186)

Conversions

Conversions Part 1

Format	Color
Hex	AA1186
RGB	170, 17, 134
RGB Percent	67%, 7%, 53%
CMY	0.3333, 0.9333, 0.4745
CMYK	0.00, 0.90, 0.21, 0.33
HSL	314°, 82%, 37%
HSV	314°, 90%, 67%
XYZ	21.0811, 10.6682, 23.5023
YIQ	76.0850, 53.6310, 68.8230

Conversions

Conversions Part 2

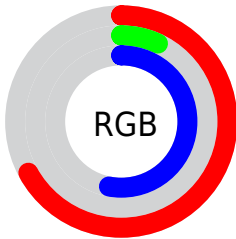
Format	Color
R_{YB}	170, 17, 134
Decimal	11145606
CIE _{Lab}	39.02, 65.52, -25.12
CIE _{LCh}	39, 70.172, 339.026
Yxy	10.6682, 0.3815, 0.1931
Android (android.graphics.Color)	4289335686 (0xFFAA1186)
YUV	76.0850, 28.5521, 82.3635
Hunter-Lab	32.6622, 58.0501, -19.7991

Details

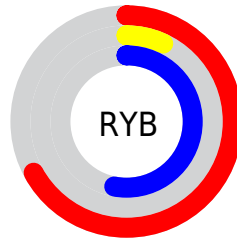
The Hex color **AA1186** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **11AA35**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E557BB**, and **710054** is the 20% darker color. If you saturate the color by 10%, you get **AA0082**, and if you desaturate by 10%, it is **AA228A**.

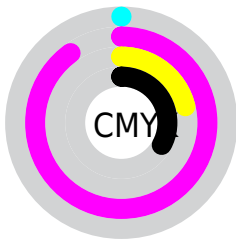
Distribution



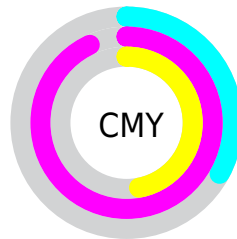
- Red (67%)
- Green (7%)
- Blue (53%)



- Red (67%)
- Yellow (7%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA1186 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 AA1186 by changing the saturation by 10% instead.

■ AA1186

■ AA1186

FFFFFF

■ 8D006D

■ E557BB

■ 710054

■ FF74D7

■ 55003C

■ FF90F4

■ 3C0027

■ FFADFF

■ 1D000F

■ FFCAFF

■ 000000

■ FFE7FF

■ AA1186

■ AA1186

■ AA0082

■ AA228A

■ AA338E

■ AA4492

■ AA5596

■ AA669A

■ AA779E

■ AA88A2

■ AA99A6

■ AAAAAA

Harmonies

Analogous

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



6F42B6



AA1186



BC004E

Triad

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



AA1186



625F00



0073A3

Complementary

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



AA1186



11AA35

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.



00736C



AA1186



176B00

Square

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



AA1186



904900



007130



006DC8

Rectangle

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



AA1186



B71129



007130



007392

Sweetspot

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



AA1186



DEA2D0



3511AA



704C68



F0F0F0



707070

Same Dimension

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



AA1186



DE00AA



AA113A



544C52



940071



140010

Inverse Universe

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



AA1186



DE00AA



11AA81



544C52



940071



140010

Previews

White Background



This preview shows how the Hex color AA1186 looks on a white background.

Color Contrast Check

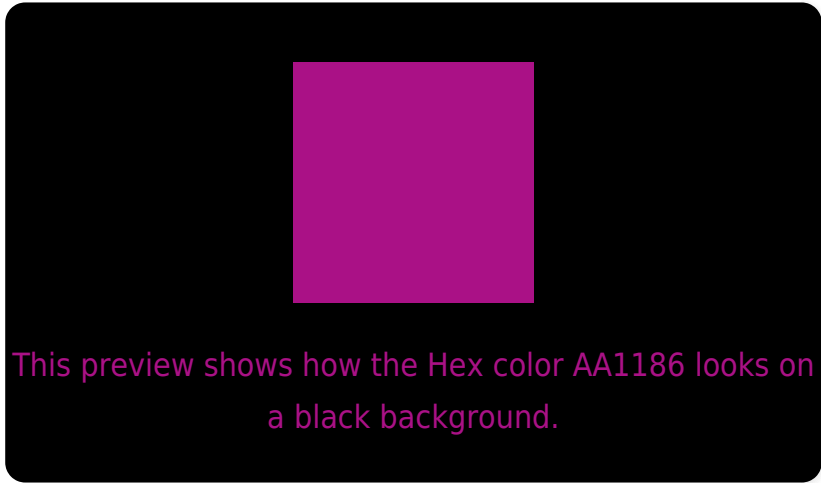
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

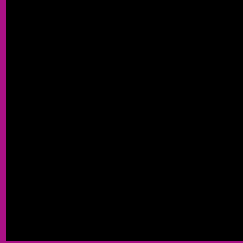
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AA1186 Background



This preview shows how black text looks on a background with the Hex color AA1186.




This preview shows how white text looks on a background with the Hex color AA1186.

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





Tritanopia
A43639

Trichromacy



Original Color
AA1186



Protanomaly
4F3FA8



Deuteranomaly
744181



Tritanomaly
A62955

Monochromacy



Original Color
AA1186



Achromatopsia
4C4C4C



Achromatomaly
6E3761

CSS Examples

Text

The CSS property to change the color of the text to Hex AA1186 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 #AA1186 looks like.

```
.text, #text, p{  
    color:#AA1186  
}
```

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 #AA1186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA1186
}
```

Border

The CSS property to change the border of an element to Hex AA1186 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
#AA1186 }
```

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

```
.border{ border-color:#AA1186 }
```

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

Here you see how a box with a 4 pixel #AA1186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA1186; -webkit-box-shadow:4px 4px  
4px 4px #AA1186; box-shadow:4px 4px 4px  
4px #AA1186 }
```

Background

The CSS property to change the background color of an element to Hex AA1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA1186 }
```

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

```
.background{ background-color:#AA1186 }
```

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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