

Converting Colors

Hex(AB1187)

Have a look what the booklet for
Hex(AB1187) contains.

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Color

Hex(AB1187)

Conversions

Conversions Part 1

Format	Color
Hex	AB1187
RGB	171, 17, 135
RGB Percent	67%, 7%, 53%
CMY	0.3294, 0.9333, 0.4706
CMYK	0.00, 0.90, 0.21, 0.33
HSL	314°, 82%, 37%
HSV	314°, 90%, 67%
XYZ	21.3682, 10.8081, 23.8816
YIQ	76.4980, 53.9060, 69.3460

Conversions

Conversions Part 2

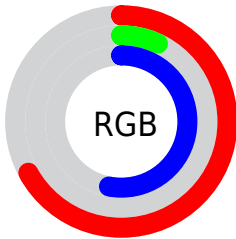
Format	Color
R_{YB}	171, 17, 135
Decimal	11211143
CIE Lab	39.26, 65.86, -25.35
CIE LCh	39, 70.567, 338.950
Yxy	10.8081, 0.3812, 0.1928
Android (android.graphics.Color)	4289401223 (0xFFAB1187)
YUV	76.4980, 28.8415, 82.8783
Hunter-Lab	32.8757, 58.4873, -20.0566

Details

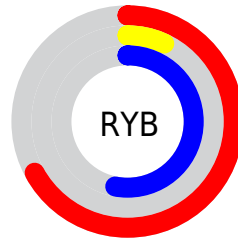
The Hex color **AB1187** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **11AB35**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E657BD**, and **720055** is the 20% darker color. If you saturate the color by 10%, you get **AB0083**, and if you desaturate by 10%, it is **AB228B**.

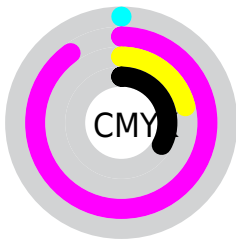
Distribution



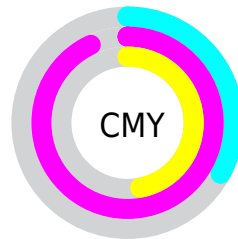
- Red (67%)
- Green (7%)
- Blue (53%)



- 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 AB1187 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 AB1187 by changing the saturation by 10% instead.

 AB1187

 AB1187

FFFFFF

 8E006D

 E657BD

 720055

 FF74D8

 56003D

 FF90F5

 3D0028

 FFADFF

 1E0010

 FFCAFF

 000000

 FFE8FF

 AB1187

 AB1187

 AB0083

 AB228B

 AB338F

 AB4493

 AB5597

 AB669B

 AB789F

 AB89A3

 AB9AA7

 ABABAB

Harmonies

Analogous

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



6F43B7



AB1187



BE004E

Triad

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



AB1187



626000



0073A4

Complementary

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



AB1187



11AB35

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.



00746D



AB1187



176C00

Square

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



AB1187



914A00



007230



006EC9

Rectangle

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



AB1187



B91029



007230



007493

Sweetspot

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



AB1187



DEA2D0



3511AB



704C68



F0F0F0



707070

Same Dimension

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



AB1187



DE00AA



AB113A



574E55



960073



170012

Inverse Universe

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



AB1187



DE00AA



11AB82



574E55



960073



170012

Previews

White Background



This preview shows how the Hex color AB1187 looks on a white background.

Color Contrast Check

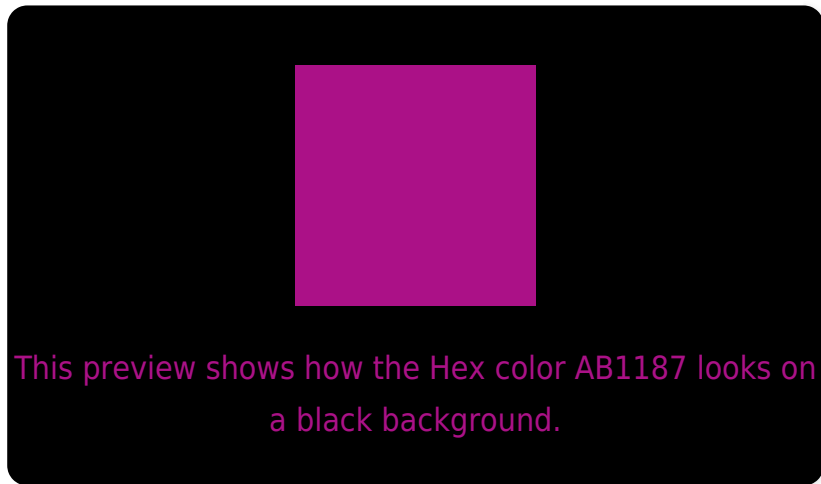
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB1187 Background



This preview shows how black text looks on a background with the Hex color AB1187.

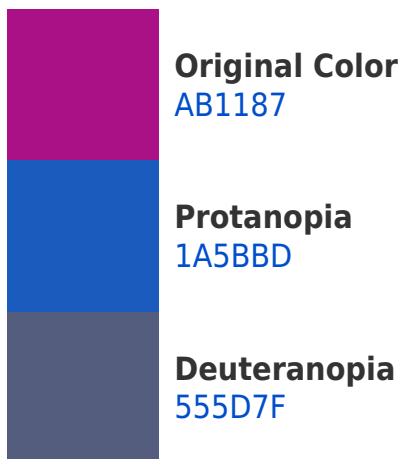



This preview shows how white text looks on a background with the Hex color AB1187.

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
A5373A

Trichromacy



Original Color
AB1187



Protanomaly
4F40A9



Deuteranomaly
744182



Tritanomaly
A72956

Monochromacy



Original Color
AB1187



Achromatopsia
4C4C4C



Achromatomaly
6F3761

CSS Examples

Text

The CSS property to change the color of the text to Hex AB1187 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 #AB1187 looks like.

```
.text, #text, p{  
    color:#AB1187  
}
```

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 #AB1187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB1187
}
```

Border

The CSS property to change the border of an element to Hex AB1187 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
#AB1187 }
```

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

```
.border{ border-color:#AB1187 }
```

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

Here you see how a box with a 4 pixel #AB1187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB1187; -webkit-box-shadow:4px 4px  
4px 4px #AB1187; box-shadow:4px 4px 4px  
4px #AB1187 }
```

Background

The CSS property to change the background color of an element to Hex AB1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB1187 }
```

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

```
.background{ background-color:#AB1187 }
```

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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