

# Converting Colors

Hex(AA1283)

Have a look what the booklet for  
Hex(AA1283) contains.

<b>Hex(AA1283)</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(AA1283)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA1283
RGB	170, 18, 131
RGB Percent	67%, 7%, 51%
CMY	0.3333, 0.9294, 0.4863
CMYK	0.00, 0.89, 0.23, 0.33
HSL	315°, 81%, 37%
HSV	315°, 89%, 67%
XYZ	20.8906, 10.6174, 22.4210
YIQ	76.3300, 54.3190, 67.3670

# Conversions

## Conversions Part 2

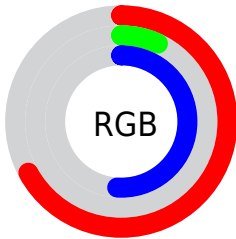
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 18, 131
Decimal	11145859
CIELab	38.93, 64.99, -23.40
CIELCh	39, 69.070, 340.198
Yxy	10.6174, 0.3874, 0.1969
Android (android.graphics.Color)	4289335939 (0xFFAA1283)
YUV	76.3300, 26.9523, 82.1486
Hunter-Lab	32.5843, 57.4184, -17.9881

# Details

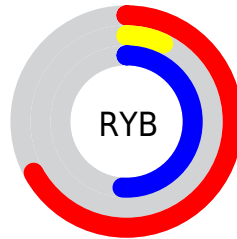
The Hex color **AA1283** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **12AA39**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E557B8**, and **710051** is the 20% darker color. If you saturate the color by 10%, you get **AA017F**, and if you desaturate by 10%, it is **AA2387**.

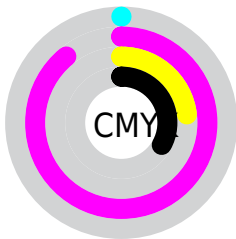
# Distribution



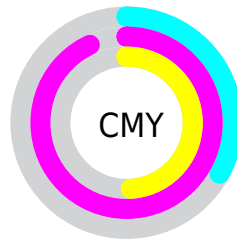
- Red (67%)
- Green (7%)
- Blue (51%)



- Red (67%)
- Yellow (7%)
- Blue (51%)



- Cyan (0%)
- Magenta (89%)
- Yellow (23%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA1283 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 AA1283 by changing the saturation by 10% instead.



■ AA1283

■ AA1283

FFFFFF

■ 8D006A

■ E557B8

■ 710051

■ FF74D4

■ 55003A

■ FF90F0

■ 3C0024

■ FFADFF

■ 1D000B

■ FFCAFF

■ 000000

■ FFE7FF

■ AA1283

■ AA1283

■ AA017F

■ AA2387

■ AA007E

■ AA348C

■ AA4590

■ AA5694

■ AA6799

■ AA789D

■ AA89A2

■ AA9AA6

■ AAABAA

# Harmonies

## Analogous

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



7241B3



AA1283



BB004B

# Triad

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



AA1283



606000



0072A4

# Complementary

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



AA1283



12AA39

# 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.



00736E



AA1283



136B00

# Square

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



AA1283



8E4B00



007133



006CC7

# Rectangle

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



AA1283



B51727



007133



007393



# Sweetspot

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



AA1283



DEA2CE



3812AA



704C67



F0F0F0



707070



# Same Dimension

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



AA1283



DE00A5



AA1238



544C52



94006E



14000F



# Inverse Universe

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



AA1283



DE00A5



12AA84



544C52



94006E



14000F



# Previews

## White Background



This preview shows how the Hex color AA1283 looks on a white background.

## Color Contrast Check

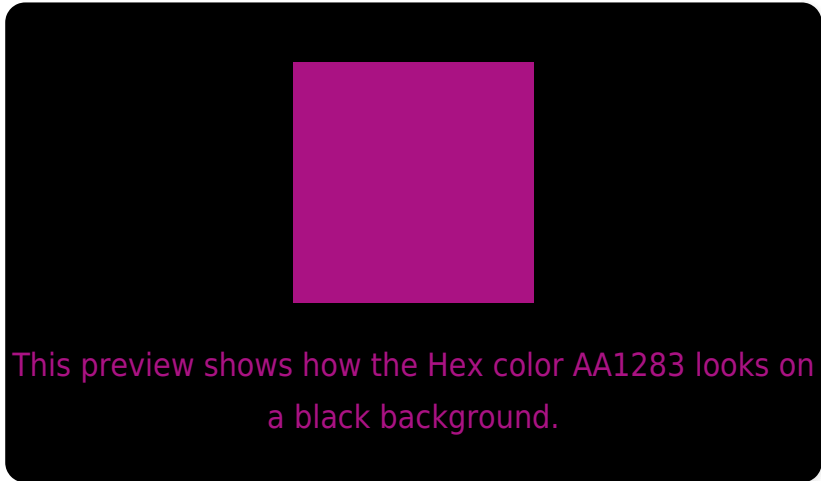
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA1283 Background



This preview shows how black text looks on a background with the Hex color AA1283.

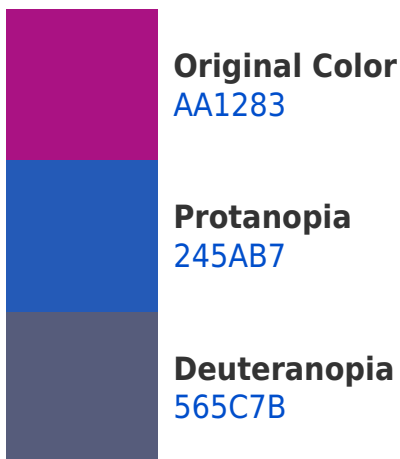



This preview shows how white text looks on a background with the Hex color AA1283.

# 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](#).

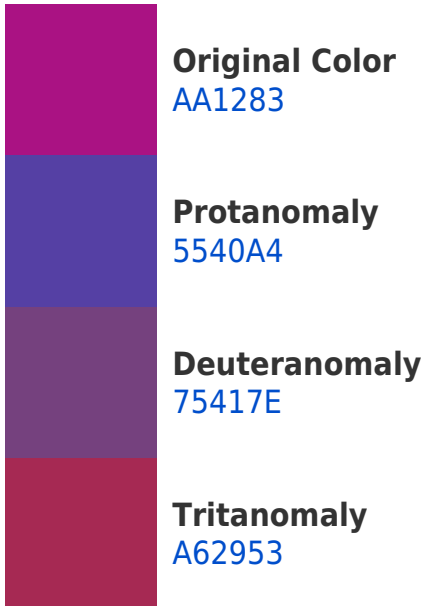
## Dichromacy





**Tritanopia**  
A43638

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA1283 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 #AA1283 looks like.

```
.text, #text, p{  
    color:#AA1283  
}
```

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 #AA1283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA1283
}
```

## Border

The CSS property to change the border of an element to Hex AA1283 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
#AA1283 }
```

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

```
.border{ border-color:#AA1283 }
```

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

Here you see how a box with a 4 pixel #AA1283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA1283; -webkit-box-shadow:4px 4px  
4px 4px #AA1283; box-shadow:4px 4px 4px  
4px #AA1283 }
```

# Background

The CSS property to change the background color of an element to Hex AA1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA1283 }
```

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

```
.background{ background-color:#AA1283 }
```

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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