

# Converting Colors

Hex(A81144)

Have a look what the booklet for  
Hex(A81144) contains.

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# Color

**Hex(A81144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A81144
RGB	168, 17, 68
RGB Percent	66%, 7%, 27%
CMY	0.3412, 0.9333, 0.7333
CMYK	0.00, 0.90, 0.60, 0.34
HSL	340°, 82%, 36%
HSV	340°, 90%, 66%
XYZ	17.3923, 9.1431, 6.3170
YIQ	67.9630, 73.6250, 47.8730

# Conversions

## Conversions Part 2

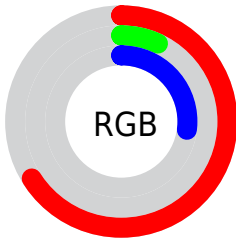
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 17, 68
Decimal	11014468
CIE <sub>Lab</sub>	36.26, 58.61, 12.68
CIE <sub>LCh</sub>	36, 59.967, 12.203
Yxy	9.1431, 0.5294, 0.2783
Android (android.graphics.Color)	4289204548 (0xFFA81144)
YUV	67.9630, 0.0182, 87.7324
Hunter-Lab	30.2375, 49.7555, 8.7799

# Details

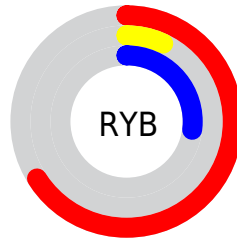
The Hex color **A81144** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11A875**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **E55474**, and **6D001A** is the 20% darker color. If you saturate the color by 10%, you get **A80039**, and if you desaturate by 10%, it is **A8224F**.

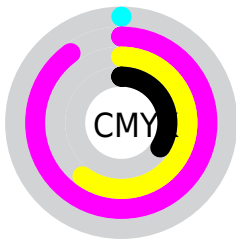
# Distribution



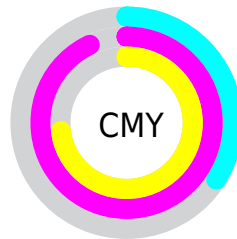
- Red (66%)
- Green (7%)
- Blue (27%)



- Red (66%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (60%)
- Black (34%)



- Cyan (34%)
- Magenta (93%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A81144 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 A81144 by changing the saturation by 10% instead.



 A81144

 A81144

FFFFFF

 8A002E

 E55474

 6D001A

 FF708D

 500000

 FF8CA7

 340002

 FFA8C3

 000000

 FFC5DE

 FFE2FB

 A81144

 A81144

 A80039

 A8224F

 A8335A

 A84365

 A85471

 A8657C

 A87687

 A88792

 A8979D

 A8A8A8

# Harmonies

## Analogous

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



9B1E74



A81144



9C2E15

# Triad

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



A81144



186300



0063B2

# Complementary

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



A81144



11A875

# 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.



006995



A81144



006836

# Square

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



A81144



575900



006A68



0055B5

# Rectangle

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



A81144



8B4100



006A68



0066AB



# Sweetspot

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



A81144



DBA0B4



7311A8



6E4B56



EDEDED



6E6E6E



# Same Dimension

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



A81144



DB004A



A82811



544C4F



940032



140007



# Inverse Universe

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



A81144



DB004A



1191A8



544C4F



940032

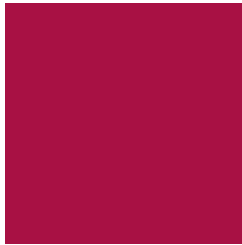


140007



# Previews

## White Background



This preview shows how the Hex color A81144 looks on a white background.

## Color Contrast Check

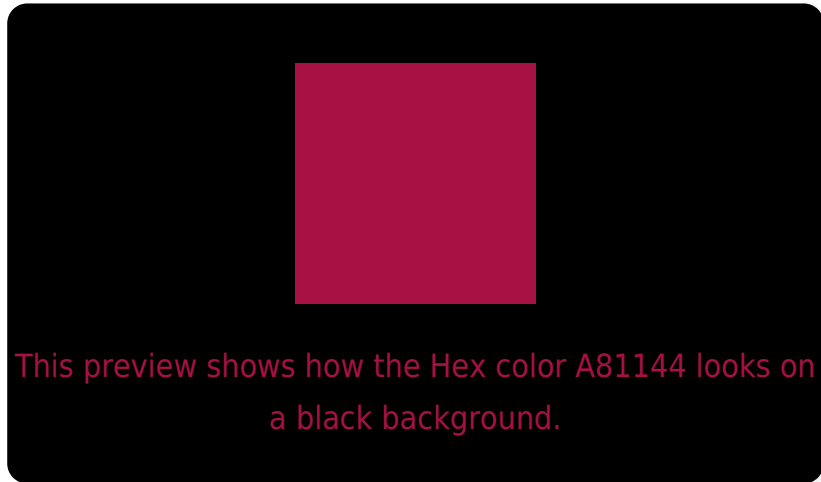
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex A81144 Background



This preview shows how black text looks on a background with the Hex color A81144.



This preview shows how white text looks on a background with the Hex color A81144.

# 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**  
A81144

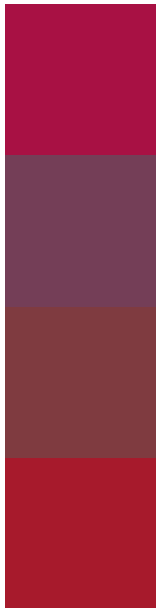
**Protanopia**  
565762

**Deuteranopia**  
68533D



**Tritanopia**  
A71F1E

# Trichromacy



**Original Color**  
A81144

**Protanomaly**  
743E57

**Deuteranomaly**  
7F3B40

**Tritanomaly**  
A71A2C

# Monochromacy



**Original Color**  
A81144

**Achromatopsia**  
444444

**Achromatomaly**  
683144

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A81144 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 #A81144 looks like.

```
.text, #text, p{  
    color:#A81144  
}
```

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 #A81144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81144 }  
}
```

## Border

The CSS property to change the border of an element to Hex A81144 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".

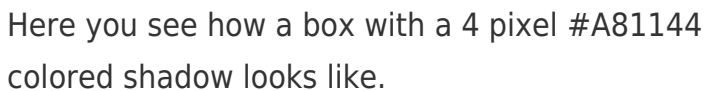
```
.border, #border, table{ border:4px solid #A81144 }  
}
```

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

```
.border{ border-color:#A81144 }
```

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

Here you see how a box with a 4 pixel #A81144 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81144; -webkit-box-shadow:4px 4px  
4px 4px #A81144; box-shadow:4px 4px 4px  
4px #A81144 }
```

# Background

The CSS property to change the background color of an element to Hex A81144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81144 }
```

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

```
.background{ background-color:#A81144 }
```

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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