

# Converting Colors

Hex(A81354)

Have a look what the booklet for  
Hex(A81354) contains.

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# Color

**Hex(A81354)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A81354
RGB	168, 19, 84
RGB Percent	66%, 7%, 33%
CMY	0.3412, 0.9255, 0.6706
CMYK	0.00, 0.89, 0.50, 0.34
HSL	334°, 80%, 37%
HSV	334°, 89%, 66%
XYZ	17.9816, 9.4307, 9.2601
YIQ	70.9610, 67.9390, 51.8030

# Conversions

## Conversions Part 2

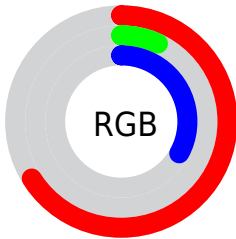
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 19, 84
Decimal	11014996
CIE Lab	36.80, 59.44, 3.08
CIE LCh	37, 59.525, 2.969
Yxy	9.4307, 0.4903, 0.2572
Android (android.graphics.Color)	4289205076 (0xFFA81354)
YUV	70.9610, 6.4282, 85.1032
Hunter-Lab	30.7094, 50.7773, 3.6183

# Details

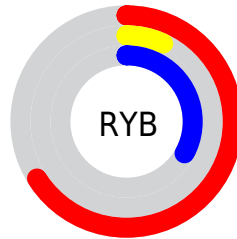
The Hex color **A81354** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **13A867**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **E45585**, and **6E0028** is the 20% darker color. If you saturate the color by 10%, you get **A8024B**, and if you desaturate by 10%, it is **A8245D**.

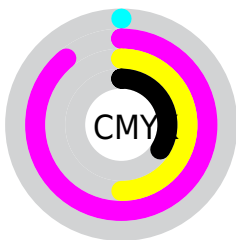
# Distribution



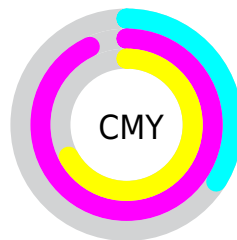
- Red (66%)
- Green (7%)
- Blue (33%)



- Red (66%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (89%)
- Yellow (50%)
- Black (34%)



- Cyan (34%)
- Magenta (93%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A81354 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 A81354 by changing the saturation by 10% instead.



 A81354

 A81354

FFFFFF

 8B003D

 E45585

 6E0028

 FF719F

 510013

 FF8DBA

 360002

 FFAAD6

 070000

 FFC6F2

 000000

 FFE4FF

 A81354

 A81354

 A8024B

 A8245D

■ A80049

■ A83567

■ A84570

■ A8567A

■ A86783

■ A8788D

■ A88996

■ A899A0

■ A8AAA9

# Harmonies

## Analogous

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



922A83



A81354



A32725

# Triad

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



A81354



336200



0067AC

# Complementary

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



A81354



13A867

# 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.



006B8A



A81354



006827

# Square

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



A81354



665600



006B5A



005BB7

# Rectangle

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



A81354



953A01



006B5A



0069A3



# Sweetspot

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



A81354



DBA0BA



6513A8



6E4B5A



EDEDED



6E6E6E



# Same Dimension

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



A81354



DB0060



A81A13



544C4F



940041



140009



# Inverse Universe

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



A81354



DB0060



13A1A8



544C4F



940041



140009



# Previews

## White Background



This preview shows how the Hex color A81354 looks on a white background.

## Color Contrast Check

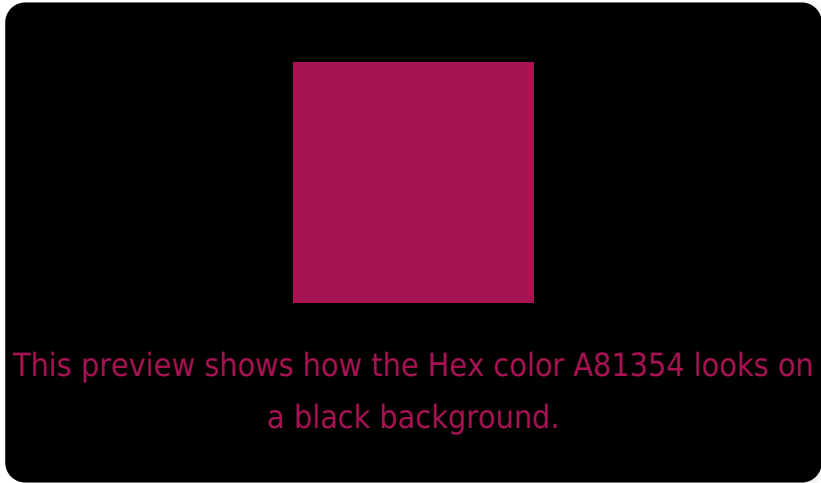
Large Text (above 18pt) WCAG AA ✓ Pass

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

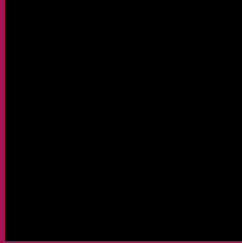
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A81354 Background



This preview shows how black text looks on a background with the Hex color A81354.

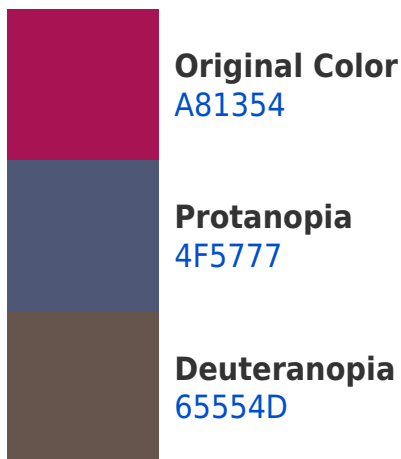


This preview shows how white text looks on a background with the Hex color A81354.

# 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





# Trichromacy



**Original Color**  
A81354

**Protanomaly**  
6F3E6A

**Deuteranomaly**  
7D3D50

**Tritanomaly**  
A71E36

# Monochromacy



**Original Color**  
A81354

**Achromatopsia**  
474747

**Achromatomaly**  
6A344C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A81354 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 #A81354 looks like.

```
.text, #text, p{  
    color:#A81354  
}
```

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 #A81354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81354
}
```

## Border

The CSS property to change the border of an element to Hex A81354 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
#A81354 }
```

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

```
.border{ border-color:#A81354 }
```

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

Here you see how a box with a 4 pixel #A81354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81354; -webkit-box-shadow:4px 4px  
4px 4px #A81354; box-shadow:4px 4px 4px  
4px #A81354 }
```

# Background

The CSS property to change the background color of an element to Hex A81354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81354 }
```

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

```
.background{ background-color:#A81354 }
```

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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