

# Converting Colors

Hex(A84674)

Have a look what the booklet for  
Hex(A84674) contains.

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# Color

**Hex(A84674)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A84674
RGB	168, 70, 116
RGB Percent	66%, 27%, 45%
CMY	0.3412, 0.7255, 0.5451
CMYK	0.00, 0.58, 0.31, 0.34
HSL	332°, 41%, 47%
HSV	332°, 58%, 66%
XYZ	21.4910, 13.9661, 18.0860
YIQ	104.5460, 43.6420, 35.0820

# Conversions

## Conversions Part 2

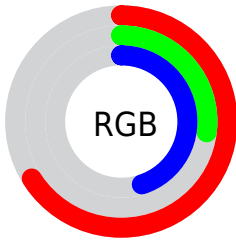
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 70, 116
Decimal	11028084
CIE <sub>Lab</sub>	44.18, 45.19, -6.17
CIE <sub>LCh</sub>	44, 45.614, 352.220
Yxy	13.9661, 0.4014, 0.2608
Android (android.graphics.Color)	4289218164 (0xFFA84674)
YUV	104.5460, 5.6468, 55.6492
Hunter-Lab	37.3712, 37.2499, -2.5338

# Details

The Hex color **A84674** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46A87A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E27BA8**, and **710C44** is the 20% darker color. If you saturate the color by 10%, you get **A8356B**, and if you desaturate by 10%, it is **A8577D**.

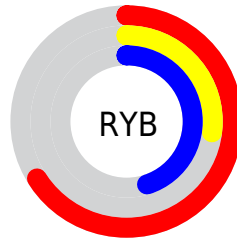
# Distribution



Red (66%)

Green (27%)

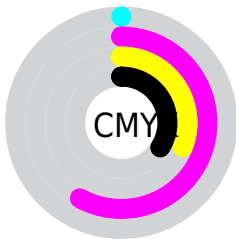
Blue (45%)



Red (66%)

Yellow (27%)

Blue (45%)

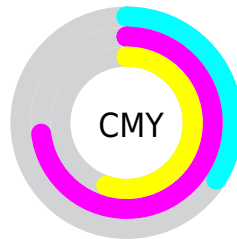


Cyan (0%)

Magenta (58%)

Yellow (31%)

Black (34%)



Cyan (34%)

Magenta (73%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84674 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 A84674 by changing the saturation by 10% instead.



 A84674

 A84674

FFFFFF

 8C2B5B

 E27BA8

 710C44

 FF96C3

 56002E

 FFB1DF

 3C0019

 FFCDFC

 220001


 FFEAFF

 000000

 A84674

 A84674

 A8356B

 A8577D

 A82462

 A86886

 A81459

 A8788F

 A80350

 A88998

 A8004F

 A89AA1

 A8ABA9

 A8BCB2

 A8CCBB

 A8DDC4

# Harmonies

## Analogous

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



8D5297



A84674



AD474E

# Triad

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



A84674



616F1B



0077A4

# Complementary

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



A84674



46A87A

# 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.



007B84



A84674



317638

# Square

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



A84674



856317



007A5D



0070B4

# Rectangle

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



A84674



A64F37



007A5D



00799B



# Sweetspot

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



A84674



DBB4C6



7946A8



6E5661



EDEDED



6E6E6E



# Same Dimension

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



A84674



DB428A



A84846



544C50



940045



14000A



# Inverse Universe

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



A84674



DB428A



46A6A8



544C50



940045



14000A



# Previews

## White Background



This preview shows how the Hex color A84674 looks on a white background.

## Color Contrast Check

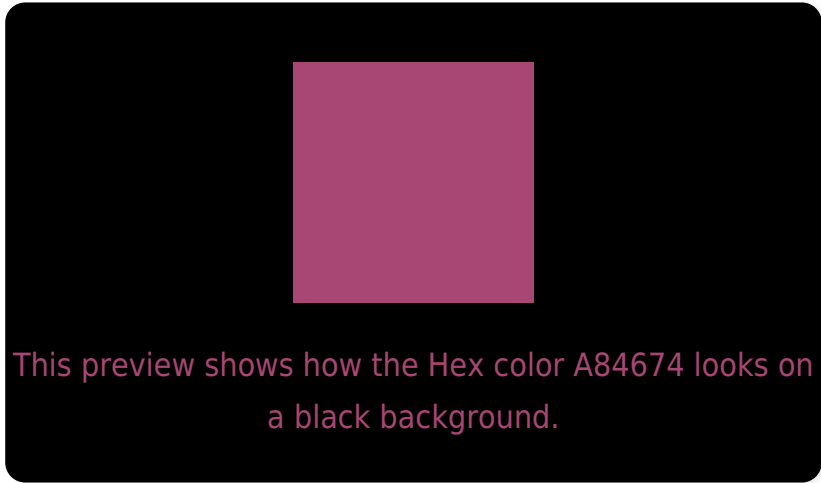
Large Text (above 18pt) WCAG AA ✓ Pass

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 A84674 Background



This preview shows how black text looks on a background with the Hex color A84674.

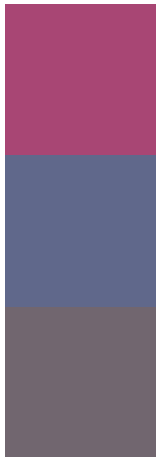


This preview shows how white text looks on a background with the Hex color A84674.

# 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**  
A84674

**Protanopia**  
60688B

**Deuteranopia**  
71666F



**Tritanopia**  
A54D53

# Trichromacy



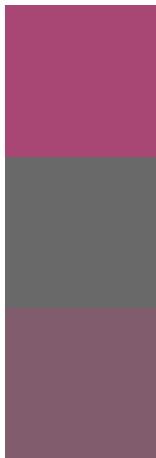
**Original Color**  
A84674

**Protanomaly**  
7A5C83

**Deuteranomaly**  
855A71

**Tritanomaly**  
A64A5F

# Monochromacy



**Original Color**  
A84674

**Achromatopsia**  
696969

**Achromatomaly**  
805C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84674 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 #A84674 looks like.

```
.text, #text, p{  
    color:#A84674  
}
```

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 #A84674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84674  
}
```

## Border

The CSS property to change the border of an element to Hex A84674 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  
#A84674 }
```

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

```
.border{ border-color:#A84674 }
```

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

Here you see how a box with a 4 pixel #A84674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84674; -webkit-box-shadow:4px 4px  
4px 4px #A84674; box-shadow:4px 4px 4px  
4px #A84674 }
```

# Background

The CSS property to change the background color of an element to Hex A84674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84674 }
```

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

```
.background{ background-color:#A84674 }
```

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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