

# Converting Colors

Hex(A84168)

Have a look what the booklet for  
Hex(A84168) contains.

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**Color**

**Hex(A84168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A84168
RGB	168, 65, 104
RGB Percent	66%, 25%, 41%
CMY	0.3412, 0.7451, 0.5922
CMYK	0.00, 0.61, 0.38, 0.34
HSL	337°, 44%, 46%
HSV	337°, 61%, 66%
XYZ	20.5374, 13.1049, 14.5438
YIQ	100.2430, 48.8690, 33.9650

# Conversions

## Conversions Part 2

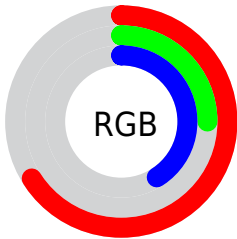
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	168, 65, 104
Decimal	11026792
CIELab	42.92, 46.07, -0.65
CIElCh	43, 46.071, 359.194
Yxy	13.1049, 0.4262, 0.2720
Android (android.graphics.Color)	4289216872 (0xFFA84168)
YUV	100.2430, 1.8522, 59.4229
Hunter-Lab	36.2007, 37.9157, 1.5205

# Details

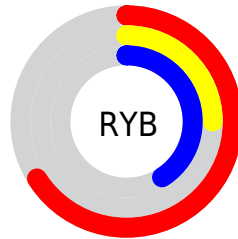
The Hex color **A84168** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41A881**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E2769B**, and **700239** is the 20% darker color. If you saturate the color by 10%, you get **A8305E**, and if you desaturate by 10%, it is **A85272**.

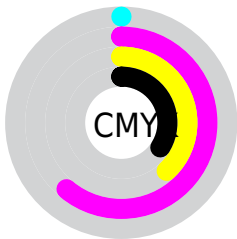
# Distribution



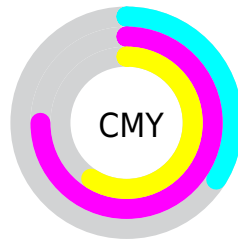
- Red (66%)
- Green (25%)
- Blue (41%)



- Red (66%)
- Yellow (25%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (38%)
- Black (34%)



- Cyan (34%)
- Magenta (75%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84168 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 A84168 by changing the saturation by 10% instead.



 A84168

 A84168

FFFFFF

 8C2650

 E2769B

 700239

 FF91B6

 550024

 FFACD1

 3B000E

 FFC9EE

 1D0001

 FFE5FF

 000000

 A84168

 A84168

 A8305E

 A85272

 A81F53

 A8637D

 A80F49

 A87387

 A80040

 A88492

 A8959C

 A8A6A7

 A8B7B1

 A8C7BC

 A8D8C6

# Harmonies

## Analogous

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



924B8D



A84168



A84642

# Triad

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



A84168



546E1C



0073A6

# Complementary

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



A84168



41A881

# 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.



007789



A84168



18743C

# Square

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



A84168



7A630F



007763



006AB2

# Rectangle

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



A84168



9E4F2C



007763



00759E



# Sweetspot

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



A84168



DBB4C3



8141A8



6E565F



EDEDED



6E6E6E



# Same Dimension

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



A84168



DB3976



A84D41



544C4F



940038



140008



# Inverse Universe

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



A84168



DB3976



419CA8



544C4F



940038



140008



# Previews

## White Background



This preview shows how the Hex color A84168 looks on a white background.

## Color Contrast Check

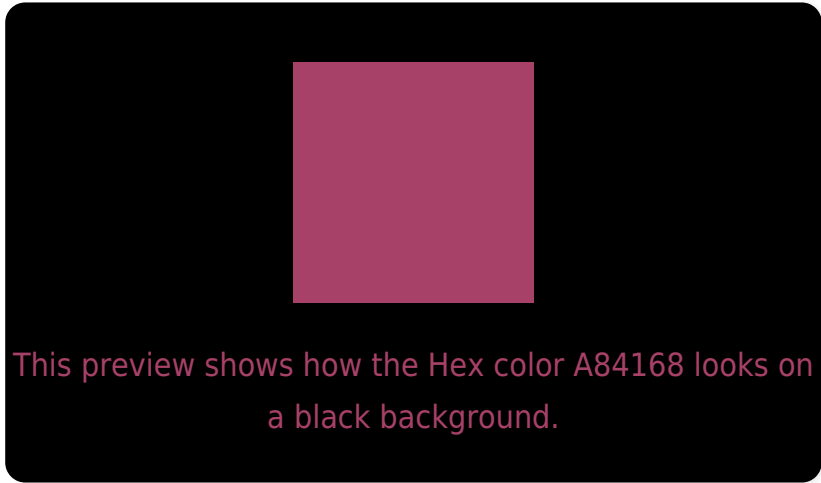
Large Text (above 18pt) WCAG AA ✓ Pass

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 A84168 Background



This preview shows how black text looks on a background with the Hex color A84168.

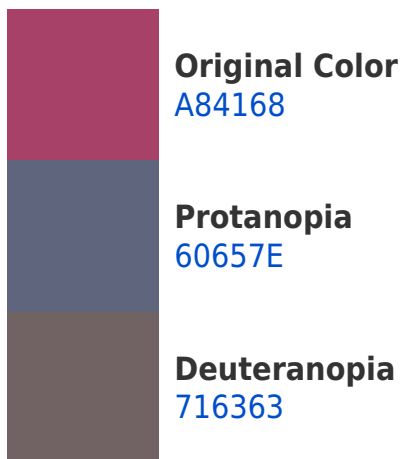


This preview shows how white text looks on a background with the Hex color A84168.

# 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**  
A6474C

# Trichromacy



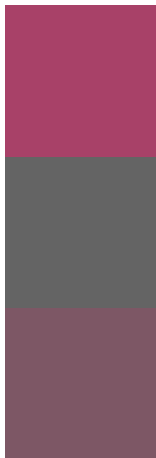
**Original Color**  
A84168

**Protanomaly**  
7A5876

**Deuteranomaly**  
855765

**Tritanomaly**  
A74556

# Monochromacy



**Original Color**  
A84168

**Achromatopsia**  
646464

**Achromatomaly**  
7D5765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84168 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 #A84168 looks like.

```
.text, #text, p{  
    color:#A84168  
}
```

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 #A84168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84168
}
```

## Border

The CSS property to change the border of an element to Hex A84168 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
#A84168 }
```

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

```
.border{ border-color:#A84168 }
```

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

Here you see how a box with a 4 pixel #A84168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84168; -webkit-box-shadow:4px 4px  
4px 4px #A84168; box-shadow:4px 4px 4px  
4px #A84168 }
```

# Background

The CSS property to change the background color of an element to Hex A84168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84168 }
```

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

```
.background{ background-color:#A84168 }
```

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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