

# Converting Colors

Hex(A12984)

Have a look what the booklet for  
Hex(A12984) contains.

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**Color**

**Hex(A12984)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A12984
RGB	161, 41, 132
RGB Percent	63%, 16%, 52%
CMY	0.3686, 0.8392, 0.4824
CMYK	0.00, 0.75, 0.18, 0.37
HSL	314°, 59%, 40%
HSV	314°, 75%, 63%
XYZ	19.6557, 10.8289, 22.8840
YIQ	87.2540, 42.3090, 53.7410

# Conversions

## Conversions Part 2

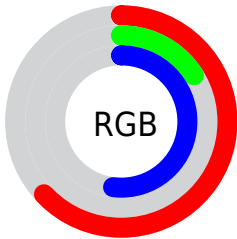
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 41, 132
Decimal	10561924
CIE <sub>Lab</sub>	39.29, 57.36, -23.58
CIE <sub>LCh</sub>	39, 62.015, 337.650
Yxy	10.8289, 0.3683, 0.2029
Android (android.graphics.Color)	4288752004 (0xFFA12984)
YUV	87.2540, 22.0598, 64.6752
Hunter-Lab	32.9073, 49.0315, -18.1957

# Details

The Hex color **A12984** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **29A146**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **DB62B9**, and **690052** is the 20% darker color. If you saturate the color by 10%, you get **A11980**, and if you desaturate by 10%, it is **A13988**.

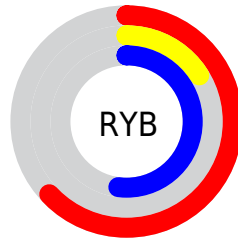
# Distribution



Red (63%)

Green (16%)

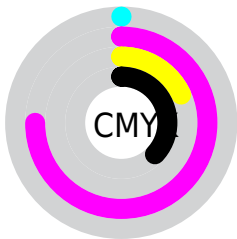
Blue (52%)



Red (63%)

Yellow (16%)

Blue (52%)

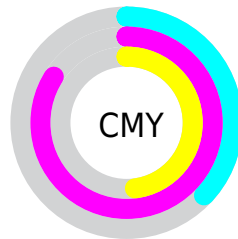


Cyan (0%)

Magenta (75%)

Yellow (18%)

Black (37%)



Cyan (37%)

Magenta (84%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A12984 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 A12984 by changing the saturation by 10% instead.



 A12984

 A12984

FFFFFF

 85006B

 DB62B9

 690052

 F97ED5

 4E003B

 FF9AF2

 370025

 FFB6FF

 14000D

 FFD3FF

 000000

 FFF0FF

 A12984

 A12984

 A11980

 A13988

 A1097C

 A1498C

 A1007A

 A15990

 A16994

 A17997

 A18A9B

 A19A9F

 A1AAA3

 A1BAA7

# Harmonies

## Analogous

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



6B48AD



A12984



B31752

# Triad

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



A12984



655F00



00719A

# Complementary

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



A12984



29A146

# 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.



007269



A12984



2C6A00

# Square

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



A12984



8F4B00



007033



006CBB

# Rectangle

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



A12984



B02631



007033



00728A



# Sweetspot

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



A12984



D1A3C6



4529A1



694D62



E8E8E8



696969



# Same Dimension

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



A12984



D117A4



A12949



524950



91006E



12000E



# Inverse Universe

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



A12984



D117A4



29A181



524950



91006E



12000E



# Previews

## White Background



This preview shows how the Hex color A12984 looks on a white background.

## Color Contrast Check

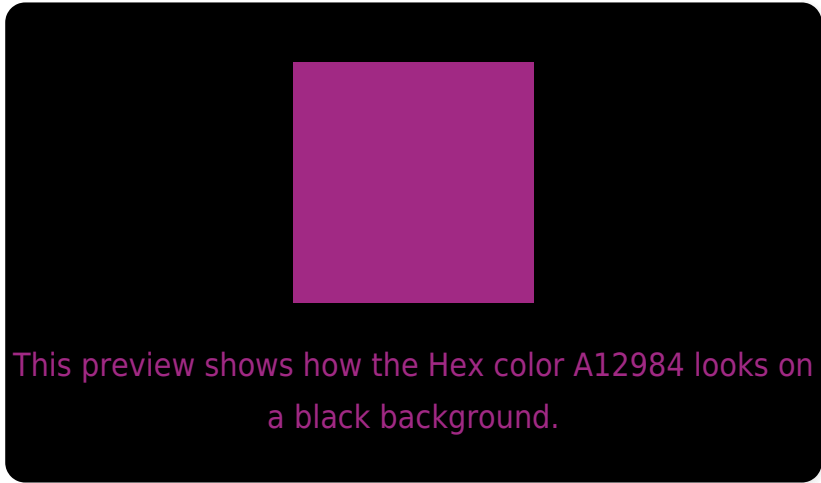
Large Text (above 18pt) WCAG AA ✓ Pass

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

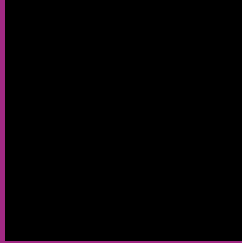
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A12984 Background



This preview shows how black text looks on a background with the Hex color A12984.

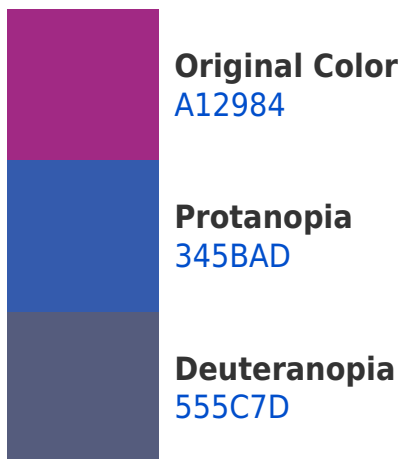


This preview shows how white text looks on a background with the Hex color A12984.

# 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**  
9B3F43

# Trichromacy



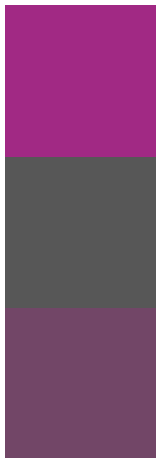
**Original Color**  
A12984

**Protanomaly**  
5C499E

**Deuteranomaly**  
714980

**Tritanomaly**  
9D375B

# Monochromacy



**Original Color**  
A12984

**Achromatopsia**  
575757

**Achromatomaly**  
724667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A12984 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 #A12984 looks like.

```
.text, #text, p{  
    color:#A12984  
}
```

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 #A12984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12984
}
```

## Border

The CSS property to change the border of an element to Hex A12984 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
#A12984 }
```

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

```
.border{ border-color:#A12984 }
```

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

Here you see how a box with a 4 pixel #A12984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12984; -webkit-box-shadow:4px 4px  
4px 4px #A12984; box-shadow:4px 4px 4px  
4px #A12984 }
```

# Background

The CSS property to change the background color of an element to Hex A12984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12984 }
```

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

```
.background{ background-color:#A12984 }
```

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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