

# Converting Colors

Hex(984300)

Have a look what the booklet for  
Hex(984300) contains.

<b>Hex(984300)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(984300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	984300
RGB	152, 67, 0
RGB Percent	60%, 26%, 0%
CMY	0.4039, 0.7373, 1.0000
CMYK	0.00, 0.56, 1.00, 0.40
HSL	26°, 100%, 30%
HSV	26°, 100%, 60%
XYZ	14.9560, 10.6897, 1.2750
YIQ	84.7770, 72.1670, -2.8170

# Conversions

## Conversions Part 2

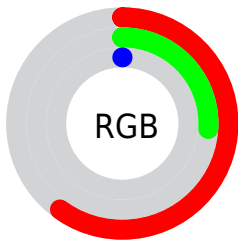
Format	Color
<a href="#">RYB</a>	152, 120, 0
Decimal	9978624
CIELab	39.05, 32.64, 49.50
CIELCh	39, 59.294, 56.600
Yxy	10.6897, 0.5556, 0.3971
Android (android.graphics.Color)	4288168704 (0xFF984300)
YUV	84.7770, -41.7951, 58.9546
Hunter-Lab	32.6951, 24.4365, 20.5744

# Details

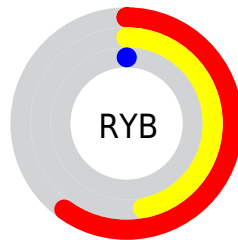
The Hex color **984300** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005598**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D57536**, and **5D1200** is the 20% darker color. If you saturate the color by 10%, you get **984300**, and if you desaturate by 10%, it is **984C0F**.

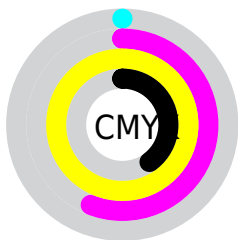
# Distribution



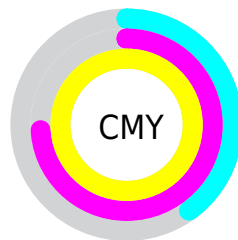
- Red (60%)
- Green (26%)
- Blue (0%)



- Red (60%)
- Yellow (47%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (40%)



- Cyan (40%)
- Magenta (74%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 984300 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 984300 by changing the saturation by 10% instead.



 984300

 984300

 FFFFFF1

 7B2B00

 D57536

 5D1200

 F38F4F

 410000

 FFAA68

 290001

 FFC682

 000000

 FFE29D

 FFFFB9

 FFFF D5

 984300

 984C0F

 98541E

 985D2E

 98653D

 986E4C

 98765B

 987F6A

 98877A

 989089

# Harmonies

## Analogous

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



AD2934



984300



755800

# Triad

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



984300



007055



4A52B3

# Complementary

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



984300



005598

# 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.



0064BD



984300



007186

# Square

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



984300



006D22



006DAC



8F3792

# Rectangle

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



984300



576200



006DAC



0B59B9



# Sweetspot

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



984300



C4A389



980056



634F40



E3E3E3



636363



# Same Dimension

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



984300



C45700



988E00



4D4845



8C3E00



0D0600



# Inverse Universe

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



005598



006EC4



000A98



45494D



004E8C



00070D



# Previews

## White Background



This preview shows how the Hex color 984300 looks on a white background.

## Color Contrast Check

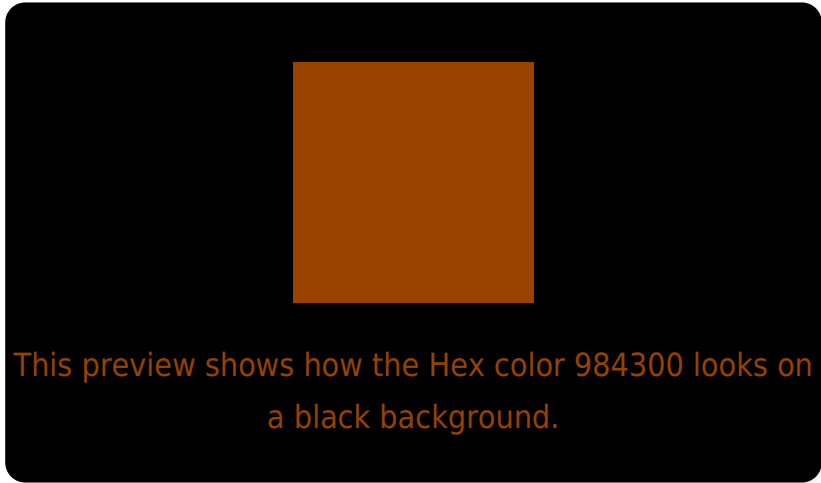
Large Text (above 18pt) WCAG AA ✓ Pass

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 984300 Background



This preview shows how black text looks on a background with the Hex color 984300.



This preview shows how white text looks on a background with the Hex color 984300.

# 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**  
984300

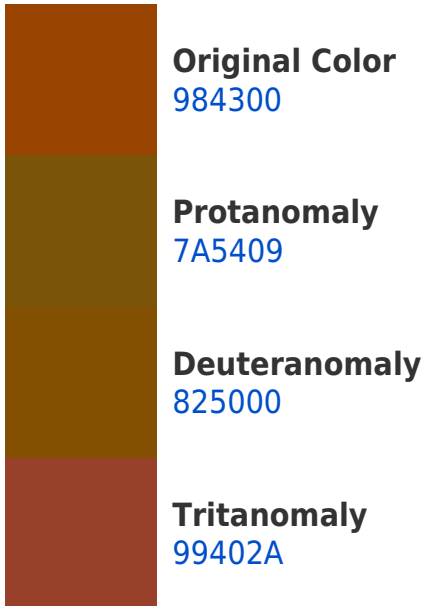
**Protanopia**  
695D0E

**Deuteranopia**  
755800

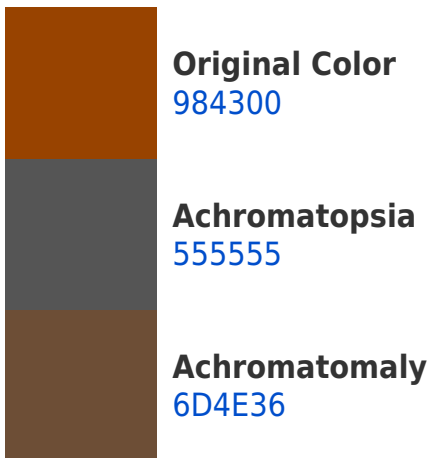


**Tritanopia**  
9A3E42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 984300 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 #984300 looks like.

```
.text, #text, p{  
    color:#984300  
}
```

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 #984300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984300
}
```

## Border

The CSS property to change the border of an element to Hex 984300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

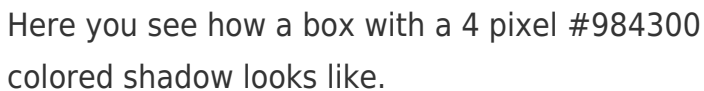
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#984300 }
```

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

```
.border{ border-color:#984300 }
```

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



Here you see how a box with a 4 pixel #984300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984300; -webkit-box-shadow:4px 4px  
4px 4px #984300; box-shadow:4px 4px 4px  
4px #984300 }
```

# Background

The CSS property to change the background color of an element to Hex 984300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984300 }
```

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

```
.background{ background-color:#984300 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor