

# Converting Colors

Hex(984809)

Have a look what the booklet for  
Hex(984809) contains.

<b>Hex(984809)</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(984809)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	984809
RGB	152, 72, 9
RGB Percent	60%, 28%, 4%
CMY	0.4039, 0.7176, 0.9647
CMYK	0.00, 0.53, 0.94, 0.40
HSL	26°, 89%, 32%
HSV	26°, 94%, 60%
XYZ	15.3156, 11.3299, 1.6381
YIQ	88.7380, 67.9030, -2.6330

# Conversions

## Conversions Part 2

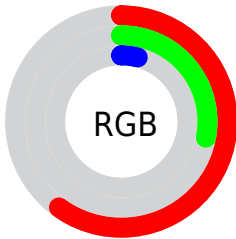
Format	Color
<a href="#">RYB</a>	<a href="#">152, 122, 9</a>
Decimal	<a href="#">9979913</a>
CIELab	<a href="#">40.13, 30.14, 47.40</a>
CIElCh	<a href="#">40, 56.175, 57.550</a>
Yxy	<a href="#">11.3299, 0.5415, 0.4006</a>
Android (android.graphics.Color)	<a href="#">4288169993</a> <a href="#">(0xFF984809)</a>
YUV	<a href="#">88.7380, -39.3108, 55.4808</a>
Hunter-Lab	<a href="#">33.6598, 22.3146, 20.6765</a>

# Details

The Hex color **984809** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **095998**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D47A3D**, and **5E1800** is the 20% darker color. If you saturate the color by 10%, you get **984300**, and if you desaturate by 10%, it is **985118**.

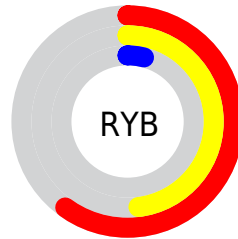
# Distribution



Red (60%)

Green (28%)

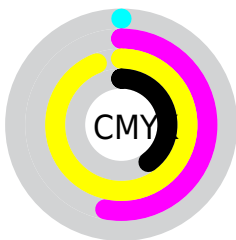
Blue (4%)



Red (60%)

Yellow (48%)

Blue (4%)

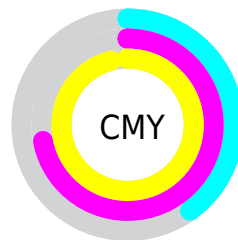


Cyan (0%)

Magenta (53%)

Yellow (94%)

Black (40%)



Cyan (40%)

Magenta (72%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 984809 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 984809 by changing the saturation by 10% instead.



 984809

 984809

 FFFFF9

 7B3000

 D47A3D

 5E1800

 F39456

 420000

 FFAF6F

 2B0001

 FFCB89

 000000

 FFE7A4

 FFFFC0

 FFFFDC

 984809

 984809

■ 984300

■ 985118

■ 985927

■ 986237

■ 986A46

■ 987355

■ 987B64

■ 988473

■ 988C83

■ 989592

# Harmonies

## Analogous

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



AC3237



984809



765B00

# Triad

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



984809



007359



5354B1

# Complementary

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



984809



095998

# 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.



0065BB



984809



007388

# Square

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



984809



006F29



006FAC



913C91

# Rectangle

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



984809



596500



006FAC



2A5BB7



# Sweetspot

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



984809



C4A68D



98095A



635142



E3E3E3



636363



# Same Dimension

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



984809



C45700



988E09



4D4845



8C3E00



0D0600



# Inverse Universe

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



095998



006EC4



091398



45494D



004E8C

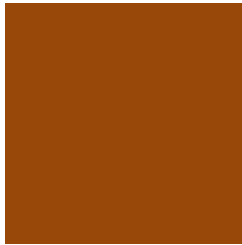


00070D



# Previews

## White Background



This preview shows how the Hex color 984809 looks on a white background.

## Color Contrast Check

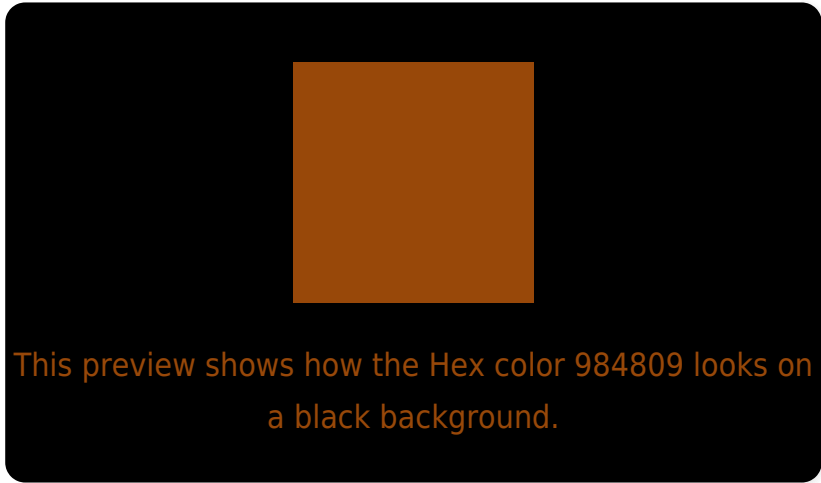
Large Text (above 18pt) WCAG AA ✓ Pass

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

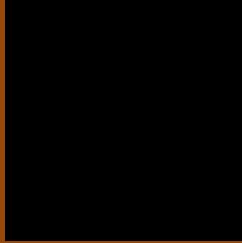
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 984809 Background



This preview shows how black text looks on a background with the Hex color 984809.



This preview shows how white text looks on a background with the Hex color 984809.

# 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**  
984809

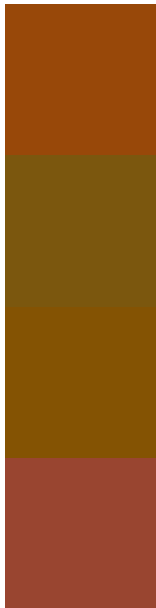
**Protanopia**  
6B6011

**Deuteranopia**  
785A00



**Tritanopia**  
9A4347

# Trichromacy



**Original Color**  
984809

**Protanomaly**  
7B570E

**Deuteranomaly**  
845303

**Tritanomaly**  
994530

# Monochromacy



**Original Color**  
984809

**Achromatopsia**  
595959

**Achromatomaly**  
70533C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 984809 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 #984809 looks like.

```
.text, #text, p{  
    color:#984809  
}
```

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 #984809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984809
}
```

## Border

The CSS property to change the border of an element to Hex 984809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

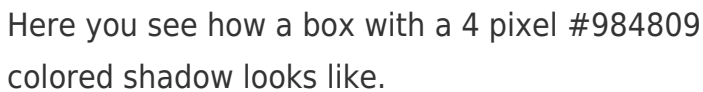
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#984809 }
```

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

```
.border{ border-color:#984809 }
```

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



Here you see how a box with a 4 pixel #984809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984809; -webkit-box-shadow:4px 4px  
4px 4px #984809; box-shadow:4px 4px 4px  
4px #984809 }
```

# Background

The CSS property to change the background color of an element to Hex 984809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984809 }
```

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

```
.background{ background-color:#984809 }
```

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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