

# Converting Colors

Hex(9C9084)

Have a look what the booklet for  
Hex(9C9084) contains.

<b>Hex(9C9084)</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(9C9084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C9084
RGB	156, 144, 132
RGB Percent	61%, 56%, 52%
CMY	0.3882, 0.4353, 0.4824
CMYK	0.00, 0.08, 0.15, 0.39
HSL	30°, 11%, 56%
HSV	30°, 15%, 61%
XYZ	27.8484, 28.6804, 25.8979
YIQ	146.2200, 11.0040, -1.1880

# Conversions

## Conversions Part 2

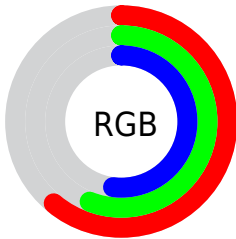
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 156, 132
Decimal	10260612
CIE Lab	60.50, 2.36, 7.98
CIE LCh	60, 8.318, 73.543
Yxy	28.6804, 0.3379, 0.3480
Android (android.graphics.Color)	4288450692 (0xFF9C9084)
YUV	146.2200, -7.0105, 8.5771
Hunter-Lab	53.5541, -0.8986, 8.8161

# Details

The Hex color **9C9084** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **84909C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D3C6B9**, and **695E53** is the 20% darker color. If you saturate the color by 10%, you get **9C8874**, and if you desaturate by 10%, it is **9C9894**.

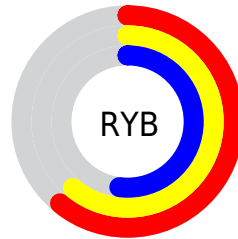
# Distribution



Red (61%)

Green (56%)

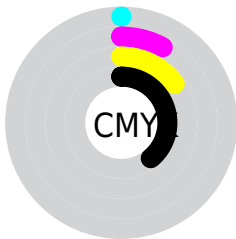
Blue (52%)



Red (61%)

Yellow (61%)

Blue (52%)

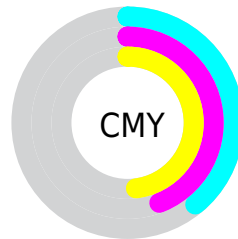


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C9084 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 9C9084 by changing the saturation by 10% instead.





9C9084



9C9084

FFFFFF



82766B



D3C6B9



695E53



EFE2D5



50463C



FFFEF1



393026



231B11



090000



000000



9C9084



9C9084



9C8874



9C9894

 9C8065

 9CA0A3

 9C7955

 9CA7B3

 9C7146

 9CAFC2

 9C6936

 9CB7D2

 9C6126

 9CBFE2

 9C5917

 9CC7F1

 9C5207

 9CCEFF

 9C4E00

 9CD6FF

# Harmonies

## Analogous

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



A18E88



9C9084



949284

# Triad

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



9C9084



809695



978F9D

# Complementary

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



9C9084



84909C

# 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.



8E91A0



9C9084



81969C

# Square

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



9C9084



84968D



8694A0



9E8D96

# Rectangle

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



9C9084



8F9486



8694A0



95909E



# Sweetspot

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



9C9084



CCC7C2



9C8490



666360



E6E6E6



666666



# Same Dimension

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



9C9084



CCBAA7



9C9C84



4F4B47



8F4700



0F0800



# Inverse Universe

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



84909C



A7BACC



84849C



474B4F



00478F



00080F



# Previews

## White Background



This preview shows how the Hex color 9C9084 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

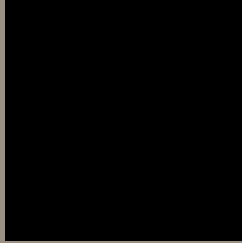
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

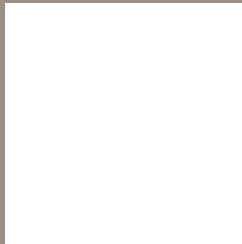
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C9084 Background



This preview shows how black text looks on a background with the Hex color 9C9084.



This preview shows how white text looks on a background with the Hex color 9C9084.

# 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**  
9C9084

**Protanopia**  
989185

**Deuteranopia**  
A58D85



**Tritanopia**  
9F8D98

# Trichromacy



**Original Color**  
9C9084

**Protanomaly**  
999185

**Deuteranomaly**  
A28E85

**Tritanomaly**  
9E8E91

# Monochromacy



**Original Color**  
9C9084

**Achromatopsia**  
929292

**Achromatomaly**  
96918D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C9084 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 #9C9084 looks like.

```
.text, #text, p{  
    color:#9C9084  
}
```

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 #9C9084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9084
}
```

## Border

The CSS property to change the border of an element to Hex 9C9084 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
#9C9084 }
```

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

```
.border{ border-color:#9C9084 }
```

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

Here you see how a box with a 4 pixel #9C9084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9084; -webkit-box-shadow:4px 4px  
4px 4px #9C9084; box-shadow:4px 4px 4px  
4px #9C9084 }
```

# Background

The CSS property to change the background color of an element to Hex 9C9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9084 }
```

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

```
.background{ background-color:#9C9084 }
```

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