

Converting Colors

Hex(949075)

Have a look what the booklet for
Hex(949075) contains.

Hex(949075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(949075)

Conversions

Conversions Part 1

Format	Color
Hex	949075
RGB	148, 144, 117
RGB Percent	58%, 56%, 46%
CMY	0.4196, 0.4353, 0.5412
CMYK	0.00, 0.03, 0.21, 0.42
HSL	52°, 13%, 52%
HSV	52°, 21%, 58%
XYZ	25.3969, 27.5268, 20.8043
YIQ	142.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

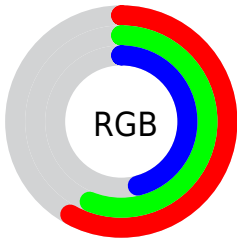
Format	Color
R_{YB}	122, 148, 117
Decimal	9736309
CIE _{Lab}	59.46, -3.21, 14.91
CIE _{LCh}	59, 15.249, 102.143
Yxy	27.5268, 0.3445, 0.3734
Android (android.graphics.Color)	4287926389 (0xFF949075)
YUV	142.1180, -12.3832, 5.1585
Hunter-Lab	52.4660, -5.4100, 13.2160

Details

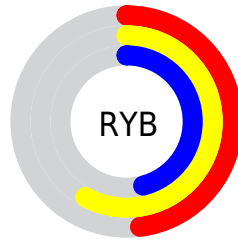
The Hex color `949075` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `757994`, and the grayscale version is `8E8E8E`.

A 20% lighter version of the original color is `CAC6A9`, and `615E45` is the 20% darker color. If you saturate the color by 10%, you get `948E66`, and if you desaturate by 10%, it is `949284`.

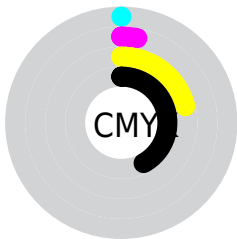
Distribution



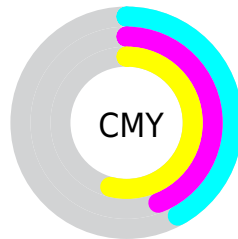
- Red (58%)
- Green (56%)
- Blue (46%)



- Red (48%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949075 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 949075 by changing the saturation by 10% instead.

 949075

 949075

FFFFFF

 7A765C

 CAC6A9

 615E45


 E6E2C4

 49462E

 FFFEE0

 323019

FFFFFFD

 1E1B00

 000000

 949075

 949075

 948E66

 949284

 948C57

 949493

 948A49

 9496A1

 94883A

 9498B0

 94862B

 949ABF

 94851C

 949BCE

 94830D

 949DDD

 948100

 949FEB

 94A1FA

Harmonies

Analogous

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



A18C76



949075



85947B

Triad

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



949075



6D96A1



A58798

Complementary

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



949075



757994

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.



988AA3



949075



7793A8

Square

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



949075



6D9794



878EA9



AB868A

Rectangle

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



949075



7B9682



878EA9



A2889C

Sweetspot

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



949075



BFBEB4



947579



61605A



E0E0E0



616161

Same Dimension

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



949075



BFB98F



899475



4A4943



8A7800



0A0900

Inverse Universe

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



757994



8F96BF



807594



43444A



00128A



00010A

Previews

White Background



This preview shows how the Hex color 949075 looks on a white background.

Color Contrast Check

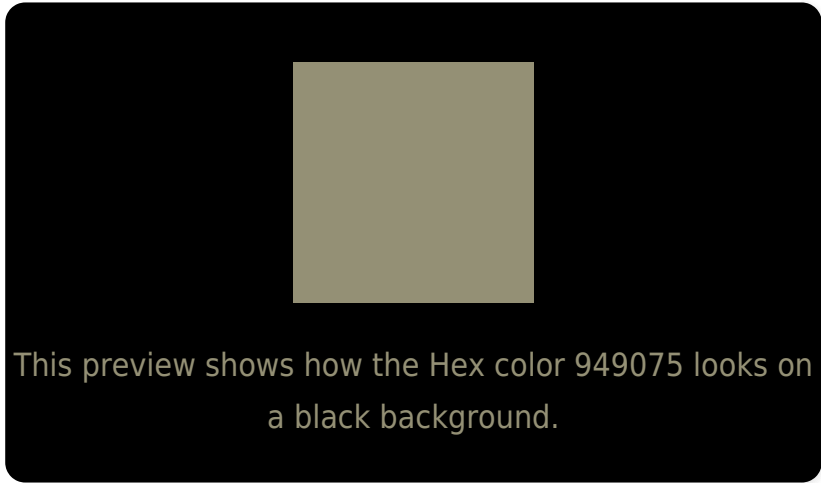
Large Text (above 18pt) WCAG AA ✓ Pass

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

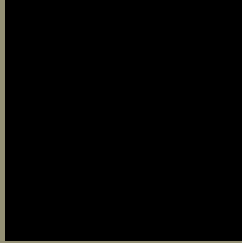
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

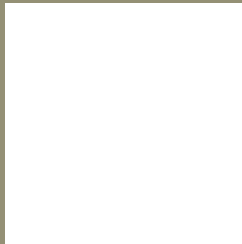
Any Text WCAG AAA × Fail

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

Hex 949075 Background



This preview shows how black text looks on a background with the Hex color 949075.



This preview shows how white text looks on a background with the Hex color 949075.

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
949075

Protanopia
988F74

Deuteranopia
A68A76



Tritanopia
988B96

Trichromacy



Original Color
949075

Protanomaly
978F74

Deuteranomaly
9F8C76

Tritanomaly
978D8A

Monochromacy



Original Color
949075

Achromatopsia
8E8E8E

Achromatomaly
908F85

CSS Examples

Text

The CSS property to change the color of the text to Hex 949075 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 #949075 looks like.

```
.text, #text, p{  
    color:#949075  
}
```

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 #949075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949075
}
```

Border

The CSS property to change the border of an element to Hex 949075 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
#949075 }
```

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

```
.border{ border-color:#949075 }
```

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

Here you see how a box with a 4 pixel #949075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949075; -webkit-box-shadow:4px 4px  
4px 4px #949075; box-shadow:4px 4px 4px  
4px #949075 }
```

Background

The CSS property to change the background color of an element to Hex 949075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949075 }
```

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

```
.background{ background-color:#949075 }
```

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