

# Converting Colors

Hex(949405)

Have a look what the booklet for  
Hex(949405) contains.

<b>Hex(949405)</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(949405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	949405
RGB	148, 148, 5
RGB Percent	58%, 58%, 2%
CMY	0.4196, 0.4196, 0.9804
CMYK	0.00, 0.00, 0.97, 0.42
HSL	60°, 93%, 30%
HSV	60°, 97%, 58%
XYZ	22.8300, 27.4867, 4.2458
YIQ	131.6980, 45.9030, -44.4730

# Conversions

## Conversions Part 2

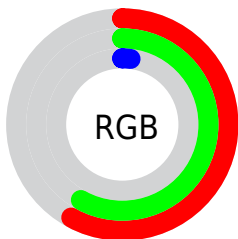
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 148, 5
Decimal	9737221
CIE Lab	59.42, -14.29, 62.22
CIE LCh	59, 63.837, 102.933
Yxy	27.4867, 0.4184, 0.5038
Android (android.graphics.Color)	4287927301 (0xFF949405)
YUV	131.6980, -62.4621, 14.2969
Hunter-Lab	52.4277, -14.0194, 31.8979

# Details

The Hex color **949405** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **050594**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CDCA49**, and **5D6200** is the 20% darker color. If you saturate the color by 10%, you get **949400**, and if you desaturate by 10%, it is **949414**.

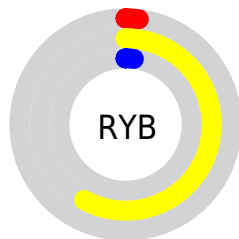
# Distribution



Red (58%)

Green (58%)

Blue (2%)



Red (2%)

Yellow (58%)

Blue (2%)

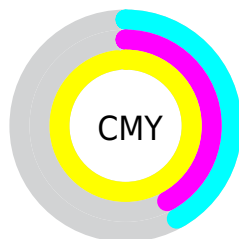


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949405 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 949405 by changing the saturation by 10% instead.





949405



949405

FFFFFF



787A00



CDCA49



5D6200



EBE664



424A00



FFFF80



283400



FFFF9B



0F1F00



FFFFB7



000000



FFFFD4



FFFFF1



949405



949405

■ 949400

■ 949414

■ 949423

■ 949431

■ 949440

■ 94944F

■ 94945E

■ 94946D

■ 94947B

■ 94948A

# Harmonies

## Analogous

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



C58117



949405



54A136

# Triad

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



949405



00A7DA



E45DB1

# Complementary

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



949405



050594

# 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.



B075E2



949405



009EFA

# Square

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



949405



00A9A7



448DFD



F45779

# Rectangle

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



949405



00A659



448DFD



D764C3



# Sweetspot

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



949405



BFBF88



940505



61613F



E0E0E0



616161



# Same Dimension

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



949405



BFBF00



4D9405



4A4A43



8A8A00



0A0A00



# Inverse Universe

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



050594



0000BF



4D0594



43434A



00008A



00000A



# Previews

## White Background



This preview shows how the Hex color 949405 looks on a white background.

## Color Contrast Check

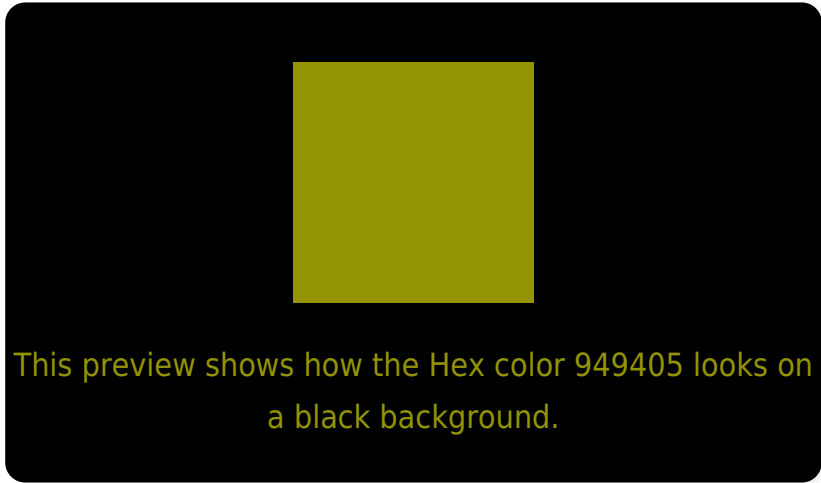
Large Text (above 18pt) WCAG AA ✓ Pass

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 949405 Background



This preview shows how black text looks on a background with the Hex color 949405.



This preview shows how white text looks on a background with the Hex color 949405.

# 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**  
949405

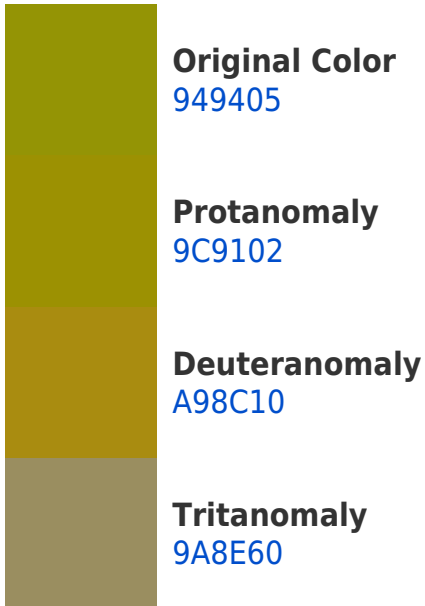
**Protanopia**  
A18F00

**Deuteranopia**  
B58817

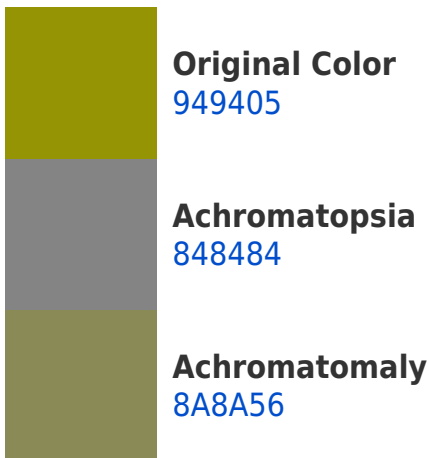


**Tritanopia**  
9E8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949405 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 #949405 looks like.

```
.text, #text, p{  
    color:#949405  
}
```

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 #949405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949405
}
```

## Border

The CSS property to change the border of an element to Hex 949405 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
#949405 }
```

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

```
.border{ border-color:#949405 }
```

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

Here you see how a box with a 4 pixel #949405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949405; -webkit-box-shadow:4px 4px  
4px 4px #949405; box-shadow:4px 4px 4px  
4px #949405 }
```

# Background

The CSS property to change the background color of an element to Hex 949405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949405 }
```

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

```
.background{ background-color:#949405 }
```

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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