

Converting Colors

Hex(949411)

Have a look what the booklet for
Hex(949411) contains.

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Color

Hex(949411)

Conversions

Conversions Part 1

Format	Color
Hex	949411
RGB	148, 148, 17
RGB Percent	58%, 58%, 7%
CMY	0.4196, 0.4196, 0.9333
CMYK	0.00, 0.00, 0.89, 0.42
HSL	60°, 79%, 32%
HSV	60°, 89%, 58%
XYZ	22.9038, 27.5162, 4.6343
YIQ	133.0660, 42.0510, -40.7410

Conversions

Conversions Part 2

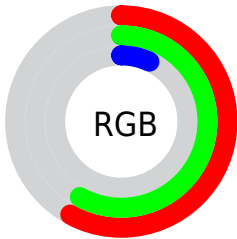
Format	Color
RYB	17, 148, 17
Decimal	9737233
CIELab	59.45, -14.07, 60.26
CIELCh	59, 61.876, 103.142
Yxy	27.5162, 0.4160, 0.4998
Android (android.graphics.Color)	4287927313 (0xFF949411)
YUV	133.0660, -57.2205, 13.0971
Hunter-Lab	52.4559, -13.8592, 31.4810

Details

The Hex color **949411** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **111194**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CDCA4E**, and **5D6200** is the 20% darker color. If you saturate the color by 10%, you get **949402**, and if you desaturate by 10%, it is **949420**.

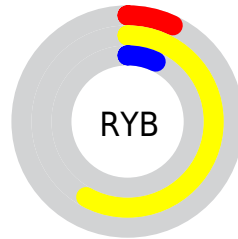
Distribution



Red (58%)

Green (58%)

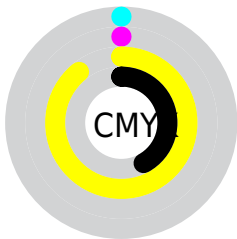
Blue (7%)



Red (7%)

Yellow (58%)

Blue (7%)

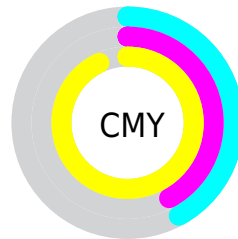


Cyan (0%)

Magenta (0%)

Yellow (89%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949411 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 949411 by changing the saturation by 10% instead.



949411



949411

FFFFFF



787A00



CDCA4E



5D6200



EBE669



434A00



FFFF84



293400



FFFFA0



0F1F00



FFFFBC



000000



FFFFD8



FFFFF6



949411



949411

 949402

 949420

 949400

 94942F

 94943D

 94944C

 94945B

 94946A

 949479

 949487

 949496

Harmonies

Analogous

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



C3811D



949411



56A039

Triad

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



949411



00A6D8



E260B0

Complementary

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



949411



111194

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.



B076DF



949411



009EF7

Square

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



949411



00A9A6



4C8DFA



F15A79

Rectangle

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



949411



00A55B



4C8DFA



D566C1

Sweetspot

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



949411



BFBF8C



941111



616142



E0E0E0



616161

Same Dimension

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



949411



BFBF00



539411



4A4A43



8A8A00



0A0A00

Inverse Universe

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



111194



0000BF



531194



43434A



00008A



00000A

Previews

White Background



This preview shows how the Hex color 949411 looks on a white background.

Color Contrast Check

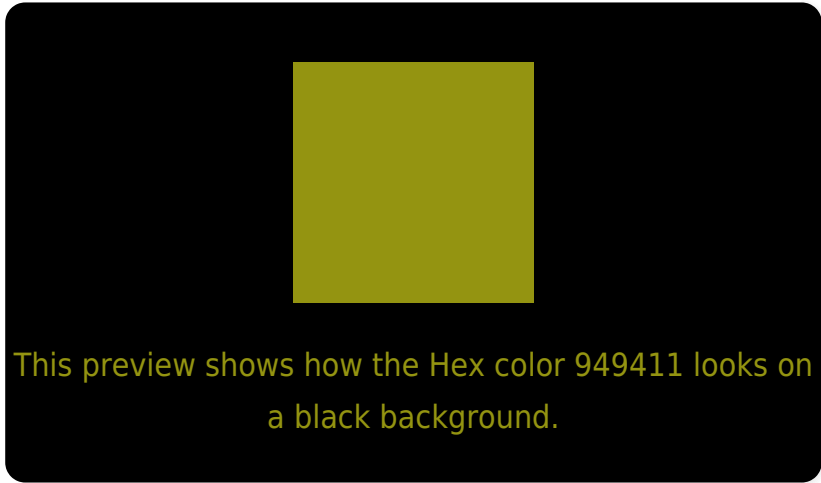
Large Text (above 18pt) WCAG AA ✓ Pass

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 949411 Background



This preview shows how black text looks on a background with the Hex color 949411.



This preview shows how white text looks on a background with the Hex color 949411.

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
949411

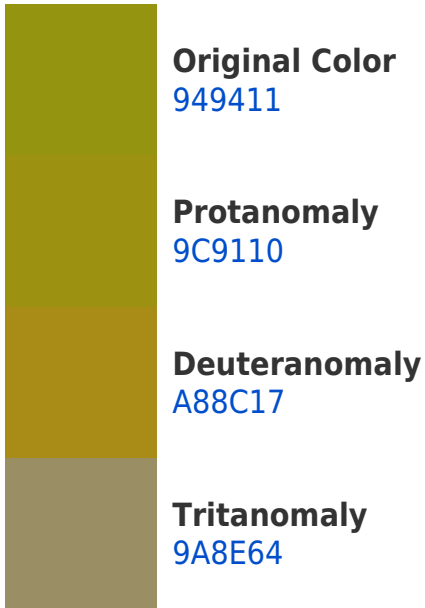
Protanopia
A18F0F

Deuteranopia
B4881B

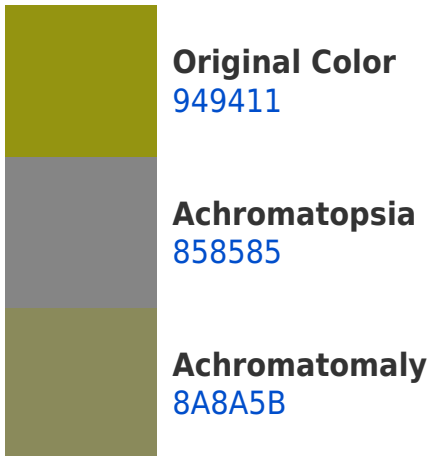


Tritanopia
9E8A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 949411 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 #949411 looks like.

```
.text, #text, p{  
    color:#949411  
}
```

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 #949411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949411
}
```

Border

The CSS property to change the border of an element to Hex 949411 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
#949411 }
```

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

```
.border{ border-color:#949411 }
```

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

Here you see how a box with a 4 pixel #949411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949411; -webkit-box-shadow:4px 4px  
4px 4px #949411; box-shadow:4px 4px 4px  
4px #949411 }
```

Background

The CSS property to change the background color of an element to Hex 949411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949411 }
```

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

```
.background{ background-color:#949411 }
```

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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