

Converting Colors

Hex(949420)

Have a look what the booklet for
Hex(949420) contains.

Hex(949420)	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(949420)

Conversions

Conversions Part 1

Format	Color
Hex	949420
RGB	148, 148, 32
RGB Percent	58%, 58%, 13%
CMY	0.4196, 0.4196, 0.8745
CMYK	0.00, 0.00, 0.78, 0.42
HSL	60°, 64%, 35%
HSV	60°, 78%, 58%
XYZ	23.0634, 27.5800, 5.4744
YIQ	134.7760, 37.2360, -36.0760

Conversions

Conversions Part 2

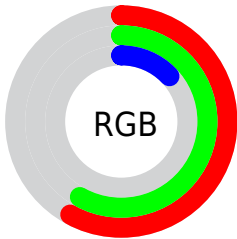
Format	Color
R_{YB}	32, 148, 32
Decimal	9737248
CIE Lab	59.51, -13.60, 56.37
CIE LCh	60, 57.986, 103.564
Yxy	27.5800, 0.4110, 0.4915
Android (android.graphics.Color)	4287927328 (0xFF949420)
YUV	134.7760, -50.6686, 11.5974
Hunter-Lab	52.5167, -13.5136, 30.5812

Details

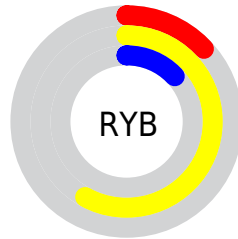
The Hex color **949420** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **202094**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CDCA57**, and **5D6200** is the 20% darker color. If you saturate the color by 10%, you get **949411**, and if you desaturate by 10%, it is **94942F**.

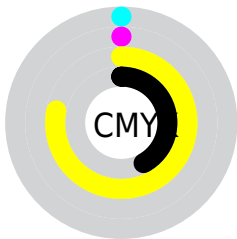
Distribution



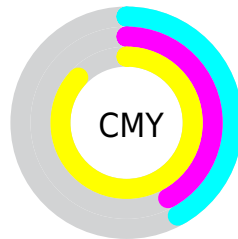
- Red (58%)
- Green (58%)
- Blue (13%)



- Red (13%)
- Yellow (58%)
- Blue (13%)



- Cyan (0%)
- Magenta (0%)
- Yellow (78%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949420 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 949420 by changing the saturation by 10% instead.

 949420

 949420

FFFFFF

 787A00

 CDCA57

 5D6200

 EAE672

 444A00

 FFFF8D

 2A3400

 FFFFA8

 101F00

 FFFFC4

 000000

 FFFFE1

FFFFFFE

 949420

 949420

■ 949411

■ 94942F

■ 949402

■ 94943E

■ 949400

■ 94944C

■ 94945B

■ 94946A

■ 949479

■ 949488

■ 949496

■ 9494A5

Harmonies

Analogous

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



C18327



949420



5AA041

Triad

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



949420



00A5D5



DD64AD

Complementary

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



949420



202094

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.



B078DA



949420



009DF1

Square

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



949420



00A8A6



578DF3



EC607A

Rectangle

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



949420



0BA460



578DF3



D26ABE

Sweetspot

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



949420



BFBF91



942020



616145



E0E0E0



616161

Same Dimension

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



949420



BFBF0B



5A9420



4A4A43



8A8A00



0A0A00

Inverse Universe

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



202094



0B0BBF



5A2094



43434A



00008A



00000A

Previews

White Background



This preview shows how the Hex color 949420 looks on a white background.

Color Contrast Check

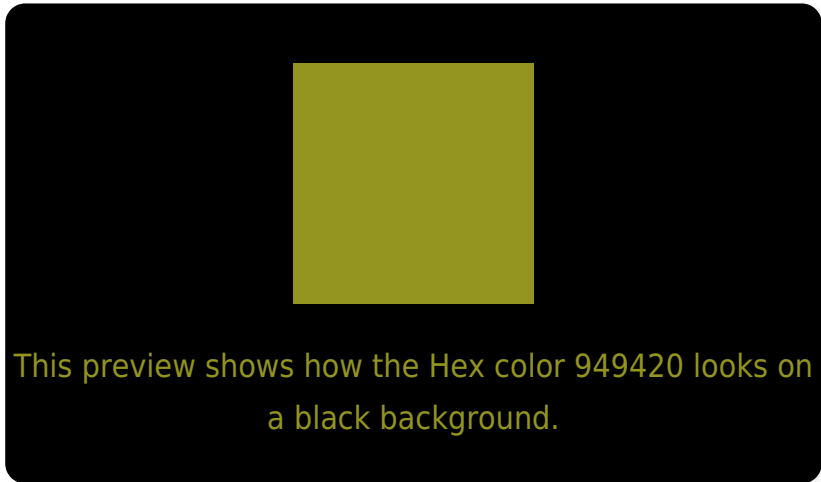
Large Text (above 18pt) WCAG AA ✓ Pass

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 949420 Background



This preview shows how black text looks on a background with the Hex color 949420.



This preview shows how white text looks on a background with the Hex color 949420.

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
949420

Protanopia
A1901F

Deuteranopia
B48826



Tritanopia
9D8A95

Trichromacy



Original Color
949420

Protanomaly
9C911F

Deuteranomaly
A88C24

Tritanomaly
9A8E6A

Monochromacy



Original Color
949420

Achromatopsia
878787

Achromatomaly
8C8C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 949420 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 #949420 looks like.

```
.text, #text, p{  
    color:#949420  
}
```

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 #949420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949420
}
```

Border

The CSS property to change the border of an element to Hex 949420 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
#949420 }
```

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

```
.border{ border-color:#949420 }
```

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

Here you see how a box with a 4 pixel #949420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949420; -webkit-box-shadow:4px 4px  
4px 4px #949420; box-shadow:4px 4px 4px  
4px #949420 }
```

Background

The CSS property to change the background color of an element to Hex 949420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949420 }
```

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

```
.background{ background-color:#949420 }
```

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