

Converting Colors

Hex(949552)

Have a look what the booklet for
Hex(949552) contains.

Hex(949552)	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(949552)

Conversions

Conversions Part 1

Format	Color
Hex	949552
RGB	148, 149, 82
RGB Percent	58%, 58%, 32%
CMY	0.4196, 0.4157, 0.6784
CMYK	0.01, 0.00, 0.45, 0.42
HSL	61°, 29%, 45%
HSV	61°, 45%, 58%
XYZ	24.4832, 28.4000, 12.1740
YIQ	141.0630, 20.9110, -21.0490

Conversions

Conversions Part 2

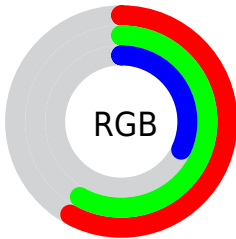
Format	Color
RYB	82, 149, 83
Decimal	9737554
CIELab	60.25, -10.52, 35.11
CIELCh	60, 36.654, 106.680
Yxy	28.4000, 0.3763, 0.4365
Android (android.graphics.Color)	4287927634 (0xFF949552)
YUV	141.0630, -29.1181, 6.0837
Hunter-Lab	53.2916, -11.2541, 23.7599

Details

The Hex color **949552** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **535295**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CBCB85**, and **606222** is the 20% darker color. If you saturate the color by 10%, you get **949543**, and if you desaturate by 10%, it is **949561**.

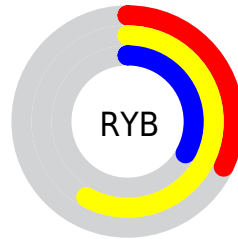
Distribution



Red (58%)

Green (58%)

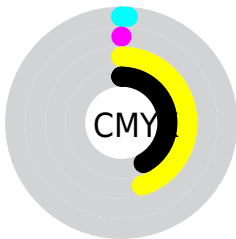
Blue (32%)



Red (32%)

Yellow (58%)

Blue (33%)

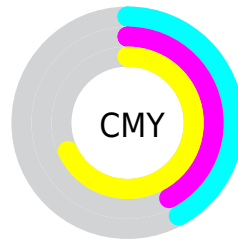


Cyan (1%)

Magenta (0%)

Yellow (45%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949552 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 949552 by changing the saturation by 10% instead.



949552



949552

FFFFFF



797B3A



CBCB85



606222



E8E79F



474B09



FFFFBB



303400



FFFFD7



171F00



FFFFF3



000200



000000



949552



949552



949543



949561

 949534

 949570

 939525

 95957F

 939516

 95958E

 939507

 95959D

 939500

 9595AB

 9695BA

 9695C9

 9695D8

Harmonies

Analogous

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



B28A52



949552



709D64

Triad

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



949552



009FBF



C779A1

Complementary

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



949552



535295

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.



AB82BE



949552



4399D0

Square

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



949552



00A2A3



7F8ECF



D07880

Rectangle

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



949552



53A077



7F8ECF



C07CAB

Sweetspot

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



949552



C1C2A9



955252



616151



E0E0E0



616161

Same Dimension

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



949552



C0C259



749552



4A4A43



888A00



0A0A00

Inverse Universe

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



535295



5B59C2



745295



43434A



02008A



00000A

Previews

White Background



This preview shows how the Hex color 949552 looks on a white background.

Color Contrast Check

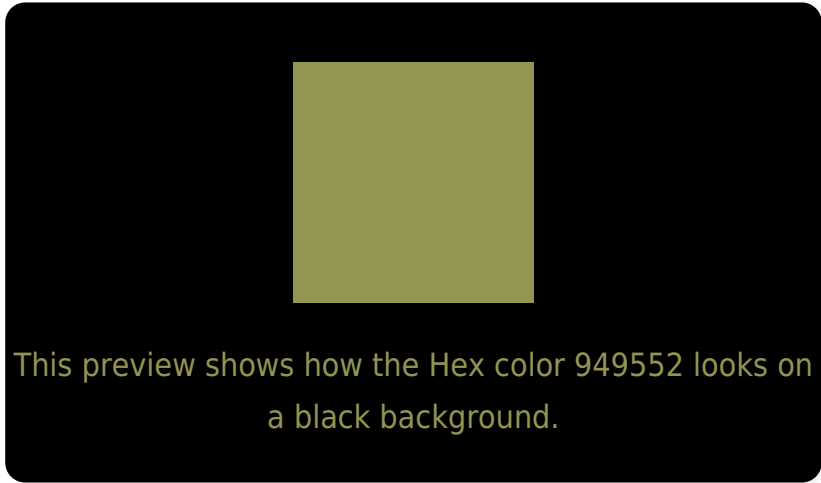
Large Text (above 18pt) WCAG AA ✓ Pass

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

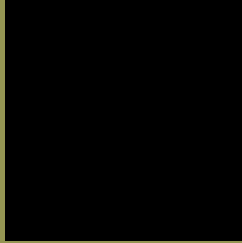
Any Text WCAG AA ✓ Pass

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 949552 Background



This preview shows how black text looks on a background with the Hex color 949552.



This preview shows how white text looks on a background with the Hex color 949552.

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
949552

Protanopia
A09151

Deuteranopia
B18A54



Tritanopia
9C8D98

Trichromacy



Original Color
949552

Protanomaly
9C9251

Deuteranomaly
A68E53

Tritanomaly
99907F

Monochromacy



Original Color
949552

Achromatopsia
8D8D8D

Achromatomaly
909078

CSS Examples

Text

The CSS property to change the color of the text to Hex 949552 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 #949552 looks like.

```
.text, #text, p{  
    color:#949552  
}
```

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 #949552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949552
}
```

Border

The CSS property to change the border of an element to Hex 949552 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
#949552 }
```

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

```
.border{ border-color:#949552 }
```

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

Here you see how a box with a 4 pixel #949552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949552; -webkit-box-shadow:4px 4px  
4px 4px #949552; box-shadow:4px 4px 4px  
4px #949552 }
```

Background

The CSS property to change the background color of an element to Hex 949552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949552 }
```

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

```
.background{ background-color:#949552 }
```

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