

Converting Colors

Hex(9A9440)

Have a look what the booklet for
Hex(9A9440) contains.

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Color

Hex(9A9440)

Conversions

Conversions Part 1

Format	Color
Hex	9A9440
RGB	154, 148, 64
RGB Percent	60%, 58%, 25%
CMY	0.3961, 0.4196, 0.7490
CMYK	0.00, 0.04, 0.58, 0.40
HSL	56°, 41%, 43%
HSV	56°, 58%, 60%
XYZ	24.8417, 28.4200, 9.0268
YIQ	140.2180, 30.5400, -24.8520

Conversions

Conversions Part 2

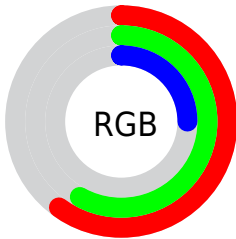
Format	Color
RYB	70, 154, 64
Decimal	10130496
CIELab	60.27, -9.05, 44.29
CIELCh	60, 45.202, 101.552
Yxy	28.4200, 0.3988, 0.4563
Android (android.graphics.Color)	4288320576 (0xFF9A9440)
YUV	140.2180, -37.5755, 12.0868
Hunter-Lab	53.3104, -10.1153, 27.2780

Details

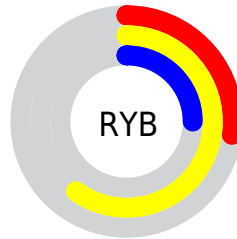
The Hex color **9A9440** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **40469A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D2CA73**, and **64620B** is the 20% darker color. If you saturate the color by 10%, you get **9A9331**, and if you desaturate by 10%, it is **9A954F**.

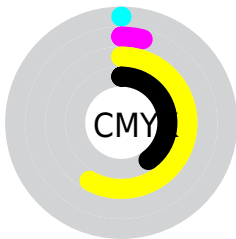
Distribution



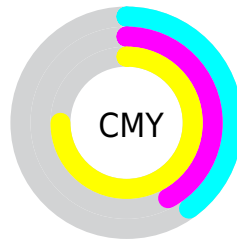
- Red (60%)
- Green (58%)
- Blue (25%)



- Red (27%)
- Yellow (60%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9440 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 9A9440 by changing the saturation by 10% instead.



9A9440



9A9440

FFFFFF



7F7A27



D2CA73



64620B



EFE68D



4B4A00



FFFFA8



323400



FFFFC4



191F00



FFFFE0



000200

FFFFFFD



000000



9A9440



9A9440



9A9331



9A954F

 9A9221

 9A965F

 9A9112

 9A976E

 9A9002

 9A987E

 9A9000

 9A998D

 9A9A9C

 9A9BAC

 9A9CBB

 9A9DCB

Harmonies

Analogous

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



BD8645



9A9440



6E9E53

Triad

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



9A9440



00A3C5



CE73AB

Complementary

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



9A9440



40469A

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.



A881CD



9A9440



009CDC

Square

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



9A9440



00A6A0



6A90DF



DC7083

Rectangle

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



9A9440



4AA26A



6A90DF



C477B8

Sweetspot

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



9A9440



C9C7A5



9A4046



666550



E6E6E6



666666

Same Dimension

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



9A9440



C9C03C



739A40



4D4C45



8C8300



0D0C00

Inverse Universe

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



40469A



3C46C9



67409A



45454D



00098C



00010D

Previews

White Background



This preview shows how the Hex color 9A9440 looks on a white background.

Color Contrast Check

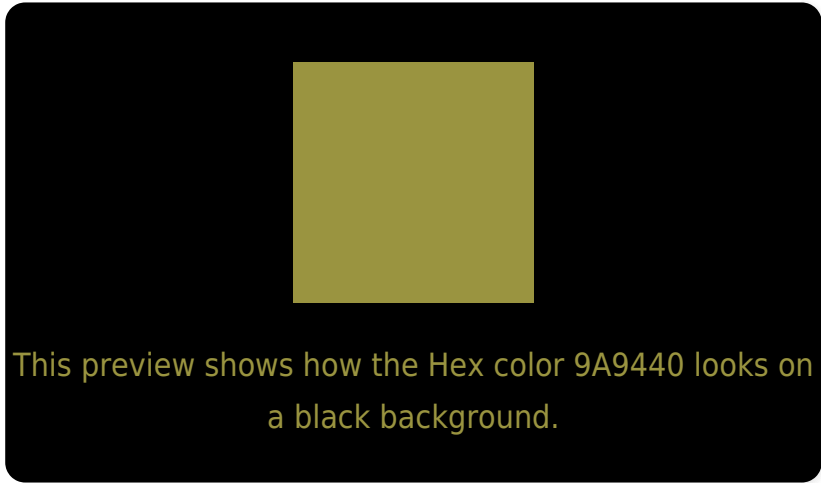
Large Text (above 18pt) WCAG AA ✓ Pass

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

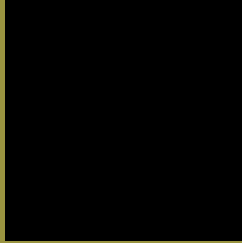
Any Text WCAG AA ✓ Pass

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 9A9440 Background



This preview shows how black text looks on a background with the Hex color 9A9440.



This preview shows how white text looks on a background with the Hex color 9A9440.

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

9A9440

Protanopia

A1913F

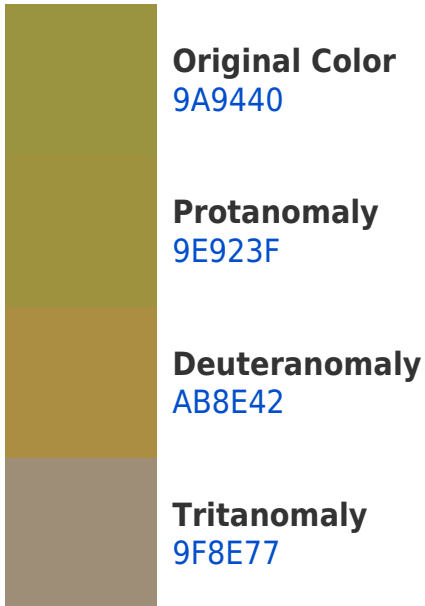
Deuteranopia

B48A43

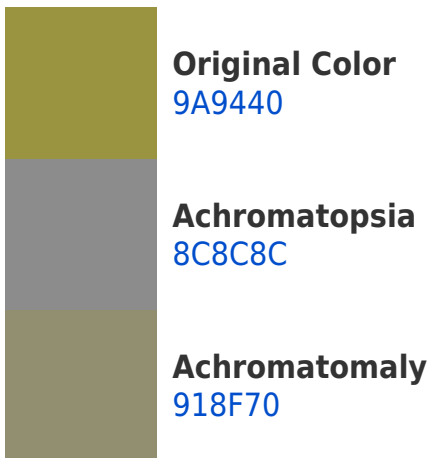


Tritanopia
A28B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9440 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 #9A9440 looks like.

```
.text, #text, p{  
    color:#9A9440  
}
```

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 #9A9440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9440
}
```

Border

The CSS property to change the border of an element to Hex 9A9440 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
#9A9440 }
```

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

```
.border{ border-color:#9A9440 }
```

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

Here you see how a box with a 4 pixel #9A9440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9440; -webkit-box-shadow:4px 4px  
4px 4px #9A9440; box-shadow:4px 4px 4px  
4px #9A9440 }
```

Background

The CSS property to change the background color of an element to Hex 9A9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9440 }
```

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

```
.background{ background-color:#9A9440 }
```

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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