

Converting Colors

Hex(9A9B24)

Have a look what the booklet for
Hex(9A9B24) contains.

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Color

Hex(9A9B24)

Conversions

Conversions Part 1

Format	Color
Hex	9A9B24
RGB	154, 155, 36
RGB Percent	60%, 61%, 14%
CMY	0.3961, 0.3922, 0.8588
CMYK	0.01, 0.00, 0.77, 0.39
HSL	61°, 62%, 37%
HSV	61°, 77%, 61%
XYZ	25.3662, 30.4401, 6.2076
YIQ	141.1350, 37.6030, -37.2210

Conversions

Conversions Part 2

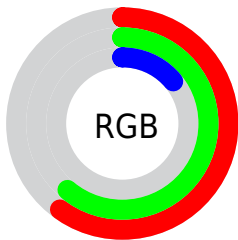
Format	Color
RYB	36, 155, 37
Decimal	10132260
CIELab	62.03, -14.43, 57.56
CIELCh	62, 59.344, 104.073
Yxy	30.4401, 0.4090, 0.4909
Android (android.graphics.Color)	4288322340 (0xFF9A9B24)
YUV	141.1350, -51.8316, 11.2826
Hunter-Lab	55.1725, -14.4845, 31.9499

Details

The Hex color **9A9B24** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **25249B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D3D15B**, and **636800** is the 20% darker color. If you saturate the color by 10%, you get **9A9B15**, and if you desaturate by 10%, it is **9A9B34**.

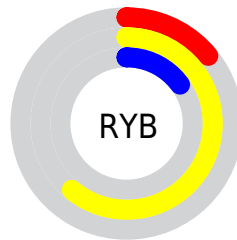
Distribution



Red (60%)

Green (61%)

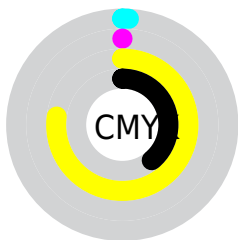
Blue (14%)



Red (14%)

Yellow (61%)

Blue (15%)

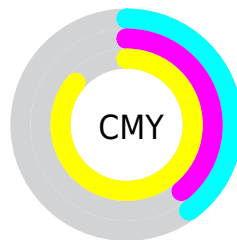


Cyan (1%)

Magenta (0%)

Yellow (77%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9B24 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 9A9B24 by changing the saturation by 10% instead.



9A9B24



9A9B24

FFFFFF



7E8100



D3D15B



636800



F1ED76



495000



FFFF91



2F3900



FFFFAD



162400



FFFFC9



000E00



FFFFE6



000000



9A9B24



9A9B24



9A9B15



9A9B34

 9A9B05

 9A9B43

 9A9B00

 9A9B53

 9B9B62

 9B9B72

 9B9B81

 9B9B91

 9B9BA0

 9B9BB0

Harmonies

Analogous

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



C9892A



9A9B24



5EA746

Triad

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



9A9B24



00ACDE



E769B4

Complementary

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



9A9B24



25249B

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.



B87DE2



9A9B24



00A4FB

Square

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



9A9B24



00AFAE



5F93FC



F6657F

Rectangle

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



9A9B24



0CAC66



5F93FC



DB6FC5

Sweetspot

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



9A9B24



C9C99B



9B2424



666649



E6E6E6



666666

Same Dimension

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



9A9B24



C8C910



609B24



4C4D45



8B8C00



0D0D00

Inverse Universe

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



25249B



1210C9



60249B



45454D



01008C



00000D

Previews

White Background



This preview shows how the Hex color 9A9B24 looks on a white background.

Color Contrast Check

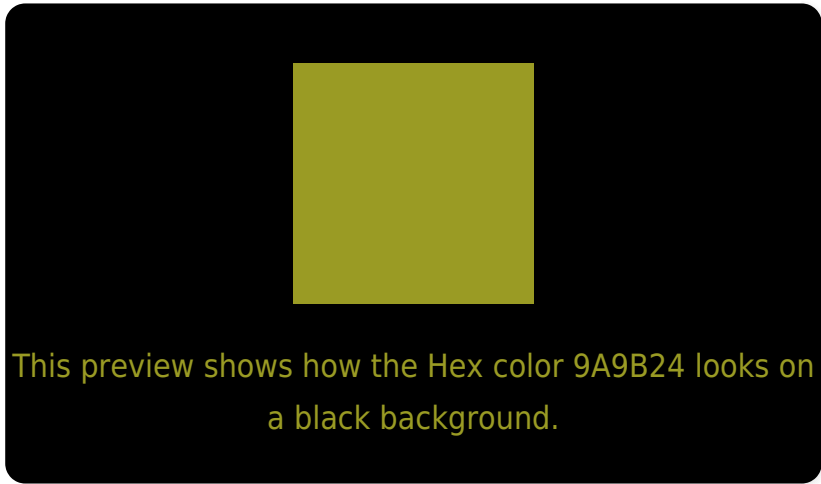
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9A9B24 Background



This preview shows how black text looks on a background with the Hex color 9A9B24.



This preview shows how white text looks on a background with the Hex color 9A9B24.

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
9A9B24

Protanopia
A89623

Deuteranopia
BC8E2A



Tritanopia
A4909C

Trichromacy



Original Color
9A9B24

Protanomaly
A39823

Deuteranomaly
B09328

Tritanomaly
A09470

Monochromacy



Original Color
9A9B24

Achromatopsia
8D8D8D

Achromatomaly
929267

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9B24 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 #9A9B24 looks like.

```
.text, #text, p{  
    color:#9A9B24  
}
```

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 #9A9B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9B24
}
```

Border

The CSS property to change the border of an element to Hex 9A9B24 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
#9A9B24 }
```

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

```
.border{ border-color:#9A9B24 }
```

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

Here you see how a box with a 4 pixel #9A9B24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9B24; -webkit-box-shadow:4px 4px  
4px 4px #9A9B24; box-shadow:4px 4px 4px  
4px #9A9B24 }
```

Background

The CSS property to change the background color of an element to Hex 9A9B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9B24 }
```

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

```
.background{ background-color:#9A9B24 }
```

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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