

Converting Colors

Hex(94A332)

Have a look what the booklet for
Hex(94A332) contains.

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Color

Hex(94A332)

Conversions

Conversions Part 1

Format	Color
Hex	94A332
RGB	148, 163, 50
RGB Percent	58%, 64%, 20%
CMY	0.4196, 0.3608, 0.8039
CMYK	0.09, 0.00, 0.69, 0.36
HSL	68°, 53%, 42%
HSV	68°, 69%, 64%
XYZ	25.8857, 32.7206, 7.9690
YIQ	145.6330, 27.3330, -38.3230

Conversions

Conversions Part 2

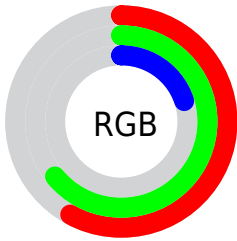
Format	Color
RYB	50, 163, 65
Decimal	9741106
CIELab	63.93, -20.44, 54.16
CIELCh	64, 57.889, 110.681
Yxy	32.7206, 0.3888, 0.4915
Android (android.graphics.Color)	4287931186 (0xFF94A332)
YUV	145.6330, -47.1471, 2.0759
Hunter-Lab	57.2019, -19.3265, 31.7814

Details

The Hex color **94A332** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4132A3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CDDA67**, and **5E6F00** is the 20% darker color. If you saturate the color by 10%, you get **92A322**, and if you desaturate by 10%, it is **96A342**.

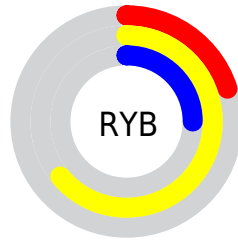
Distribution



Red (58%)

Green (64%)

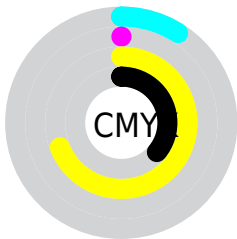
Blue (20%)



Red (20%)

Yellow (64%)

Blue (25%)

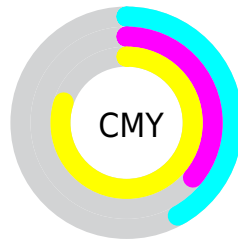


Cyan (9%)

Magenta (0%)

Yellow (69%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94A332 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 94A332 by changing the saturation by 10% instead.



94A332



94A332

FFFFFF



798914



CDDA67



5E6F00



EAF682



445700



FFFF9D



2A4000



FFFFB9



102A00



FFFFD5



001600



FFFFF2



000000



94A332



94A332



92A322



96A342

■ 90A311

■ 98A353

■ 8EA301

■ 9AA363

■ 8DA300

■ 9DA373

■ 9FA384

■ A1A394

■ A3A3A4

■ A5A3B4

■ A7A3C5

Harmonies

Analogous

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



C4932E



94A332



55AE56

Triad

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



94A332



00B0EA



F16DAD

Complementary

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



94A332



4132A3

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.



CA7EDD



94A332



00A5FF

Square

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



94A332



00B4BE



8094FC



F96E79

Rectangle

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



94A332



00B277



8094FC



E772BE

Sweetspot

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



94A332



CED4A7



A33F32



686B50



EBEBEB



6B6B6B

Same Dimension

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



94A332



BCD424



5DA332



515249



7E9100



0F1200

Inverse Universe

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



4132A3



3B24D4



7832A3



4B4952



130091



020012

Previews

White Background



This preview shows how the Hex color 94A332 looks on a white background.

Color Contrast Check

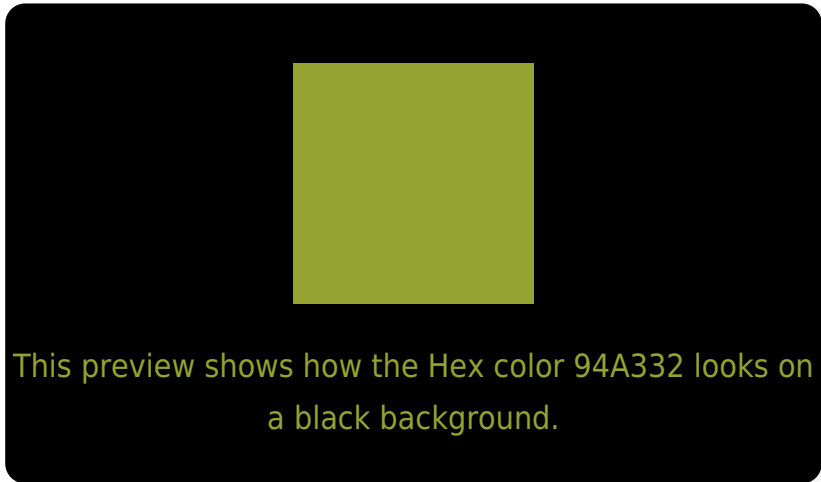
Large Text (above 18pt) WCAG AA × Fail

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 94A332 Background



This preview shows how black text looks on a background with the Hex color 94A332.



This preview shows how white text looks on a background with the Hex color 94A332.

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
94A332

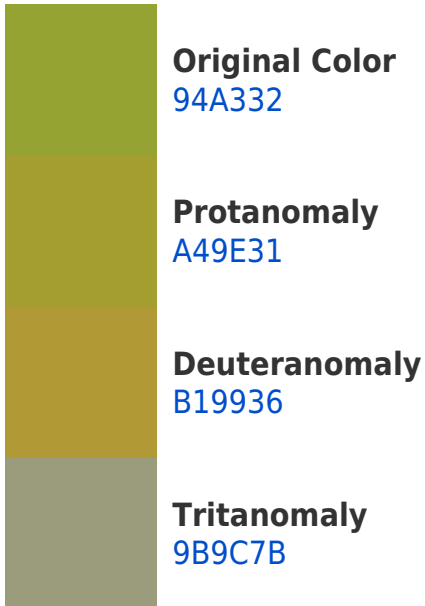
Protanopia
AD9B30

Deuteranopia
C19338

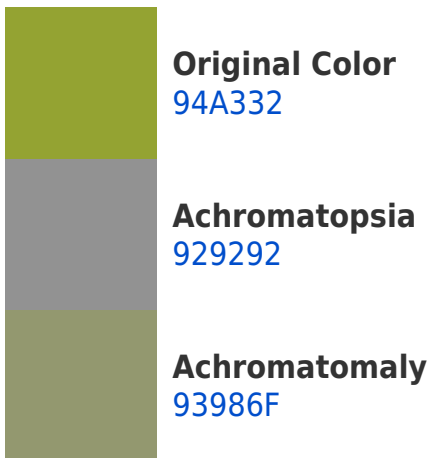


Tritanopia
9F98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94A332 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 #94A332 looks like.

```
.text, #text, p{  
    color:#94A332  
}
```

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 #94A332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A332
}
```

Border

The CSS property to change the border of an element to Hex 94A332 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
#94A332 }
```

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

```
.border{ border-color:#94A332 }
```

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

Here you see how a box with a 4 pixel #94A332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A332; -webkit-box-shadow:4px 4px  
4px 4px #94A332; box-shadow:4px 4px 4px  
4px #94A332 }
```

Background

The CSS property to change the background color of an element to Hex 94A332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A332 }
```

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

```
.background{ background-color:#94A332 }
```

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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