

Converting Colors

Hex(9B8532)

Have a look what the booklet for
Hex(9B8532) contains.

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Color

Hex(9B8532)

Conversions

Conversions Part 1

Format	Color
Hex	9B8532
RGB	155, 133, 50
RGB Percent	61%, 52%, 20%
CMY	0.3922, 0.4784, 0.8039
CMYK	0.00, 0.14, 0.68, 0.39
HSL	47°, 51%, 40%
HSV	47°, 68%, 61%
XYZ	22.4808, 23.9739, 6.4602
YIQ	130.1160, 39.7550, -21.1490

Conversions

Conversions Part 2

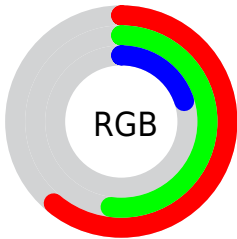
Format	Color
RYB	78, 155, 50
Decimal	10192178
CIELab	56.06, -1.40, 46.24
CIElCh	56, 46.260, 91.728
Yxy	23.9739, 0.4248, 0.4531
Android (android.graphics.Color)	4288382258 (0xFF9B8532)
YUV	130.1160, -39.4972, 21.8233
Hunter-Lab	48.9632, -3.7295, 26.4515

Details

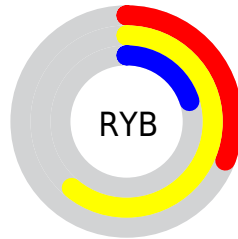
The Hex color **9B8532** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **32489B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D4BA65**, and **645400** is the 20% darker color. If you saturate the color by 10%, you get **9B8222**, and if you desaturate by 10%, it is **9B8841**.

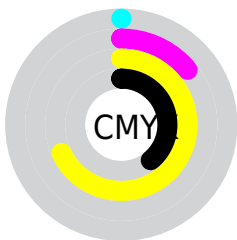
Distribution



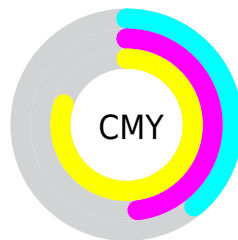
- Red (61%)
- Green (52%)
- Blue (20%)



- Red (31%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (14%)
- Yellow (68%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8532 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 9B8532 by changing the saturation by 10% instead.



9B8532



9B8532

FFFFFF



7F6C18



D4BA65



645400



F1D57F



4B3D00



FFF299



312700



FFFFB5



181300



FFFFD1



000000



FFFFED



9B8532



9B8532



9B8222



9B8841

■ 9B7F13

■ 9B8B51

■ 9B7B03

■ 9B8F60

■ 9B7B00

■ 9B9270

■ 9B957F

■ 9B988F

■ 9B9C9E

■ 9B9FAE

■ 9BA2BD

Harmonies

Analogous

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



BB763F



9B8532



72903F

Triad

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



9B8532



009AAF



BA6BAD

Complementary

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



9B8532



32489B

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.



8C7BCB



9B8532



0094CD

Square

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



9B8532



009A87



3B8AD7



CF6386

Rectangle

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



9B8532



509553



3B8AD7



AD70B9

Sweetspot

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



9B8532



C9C1A1



9B3249



66614E



E6E6E6



666666

Same Dimension

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



9B8532



C9A726



7D9B32



4D4B45



8C6F00



0D0A00

Inverse Universe

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



32489B



2648C9



50329B



45464D



001D8C



00030D

Previews

White Background



This preview shows how the Hex color 9B8532 looks on a white background.

Color Contrast Check

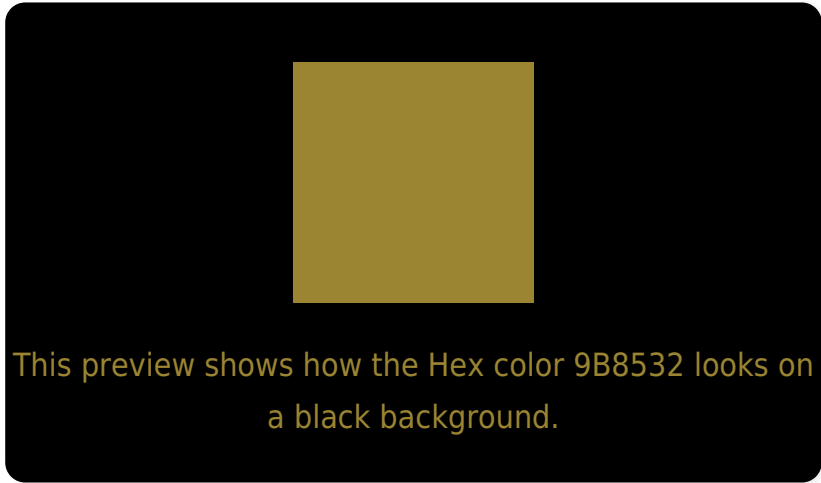
Large Text (above 18pt) WCAG AA ✓ Pass

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

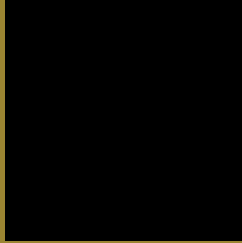
Any Text WCAG AA ✓ Pass

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 9B8532 Background



This preview shows how black text looks on a background with the Hex color 9B8532.



This preview shows how white text looks on a background with the Hex color 9B8532.

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
9B8532

Protanopia
968732

Deuteranopia
A88034



Tritanopia
A27D86

Trichromacy



Original Color
9B8532

Protanomaly
988632

Deuteranomaly
A38233

Tritanomaly
9F8067

Monochromacy



Original Color
9B8532

Achromatopsia
828282

Achromatomaly
8B8365

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8532 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 #9B8532 looks like.

```
.text, #text, p{  
    color:#9B8532  
}
```

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 #9B8532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8532
}
```

Border

The CSS property to change the border of an element to Hex 9B8532 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
#9B8532 }
```

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

```
.border{ border-color:#9B8532 }
```

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

Here you see how a box with a 4 pixel #9B8532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8532; -webkit-box-shadow:4px 4px  
4px 4px #9B8532; box-shadow:4px 4px 4px  
4px #9B8532 }
```

Background

The CSS property to change the background color of an element to Hex 9B8532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8532 }
```

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

```
.background{ background-color:#9B8532 }
```

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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