

Converting Colors

Hex(9B8221)

Have a look what the booklet for
Hex(9B8221) contains.

Hex(9B8221)	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(9B8221)

Conversions

Conversions Part 1

Format	Color
Hex	9B8221
RGB	155, 130, 33
RGB Percent	61%, 51%, 13%
CMY	0.3922, 0.4902, 0.8706
CMYK	0.00, 0.16, 0.79, 0.39
HSL	48°, 65%, 37%
HSV	48°, 79%, 61%
XYZ	21.7747, 23.0436, 4.7391
YIQ	126.4170, 46.0370, -24.8670

Conversions

Conversions Part 2

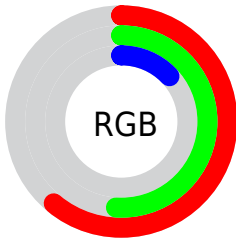
Format	Color
R_{YB}	64, 155, 33
Decimal	10191393
CIE _{Lab}	55.12, -0.60, 52.26
CIE _{LCh}	55, 52.268, 90.654
Yxy	23.0436, 0.4394, 0.4650
Android (android.graphics.Color)	4288381473 (0xFF9B8221)
YUV	126.4170, -46.0546, 25.0673
Hunter-Lab	48.0038, -3.0383, 27.7494

Details

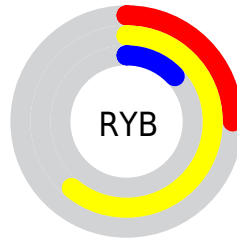
The Hex color **9B8221** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **213A9B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D5B756**, and **645100** is the 20% darker color. If you saturate the color by 10%, you get **9B7F11**, and if you desaturate by 10%, it is **9B8530**.

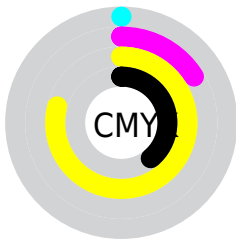
Distribution



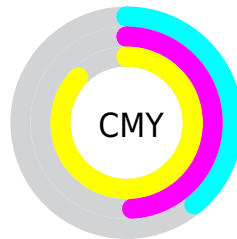
- Red (61%)
- Green (51%)
- Blue (13%)



- Red (25%)
- Yellow (61%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (79%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8221 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 9B8221 by changing the saturation by 10% instead.



9B8221



9B8221

FFFFFF



7F6900



D5B756



645100



F2D270



493A00



FFEE8A



302500



FFFFA6



161100



FFFFC2



000000



FFFFDE



FFFFFB



9B8221



9B8221

■ 9B7F11

■ 9B8530

■ 9B7C02

■ 9B8840

■ 9B7B00

■ 9B8C4F

■ 9B8F5F

■ 9B926E

■ 9B957E

■ 9B988D

■ 9B9B9D

■ 9B9FAC

Harmonies

Analogous

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



BE7134



9B8221



6D8F30

Triad

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



9B8221



0099B1



BC65B1

Complementary

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



9B8221



213A9B

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.



8678D2



9B8221



0094D2

Square

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



9B8221



009A84



0089DF



D45A85

Rectangle

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



9B8221



469448



0089DF



AD6BBE

Sweetspot

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



9B8221



C9C099



9B213B



666048



E6E6E6



666666

Same Dimension

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



9B8221



C9A30C



789B21



4D4B45



8C7000



0D0A00

Inverse Universe

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



213A9B



0C33C9



44219B



45464D



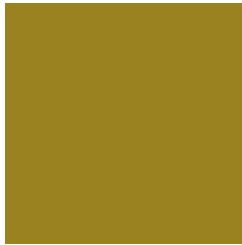
001D8C



00030D

Previews

White Background



This preview shows how the Hex color 9B8221 looks on a white background.

Color Contrast Check

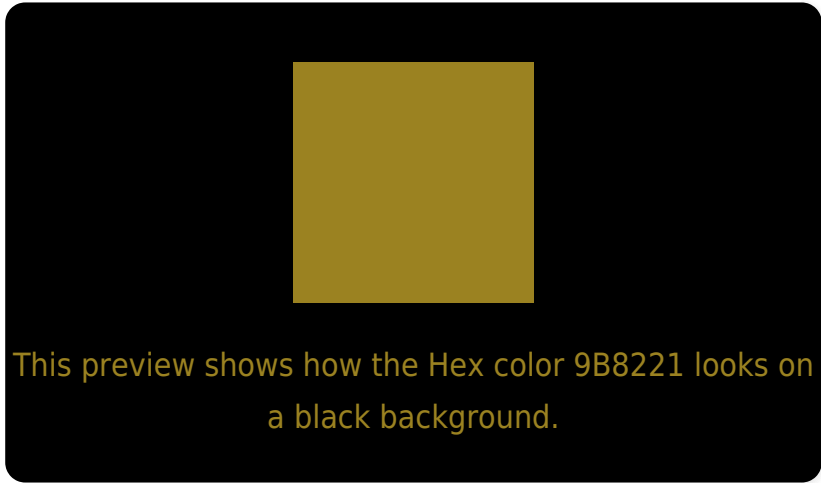
Large Text (above 18pt) WCAG AA ✓ Pass

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

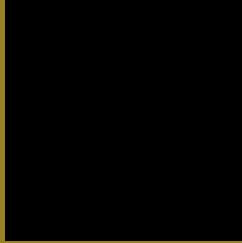
Any Text WCAG AA ✓ Pass

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 9B8221 Background



This preview shows how black text looks on a background with the Hex color 9B8221.



This preview shows how white text looks on a background with the Hex color 9B8221.

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
9B8221

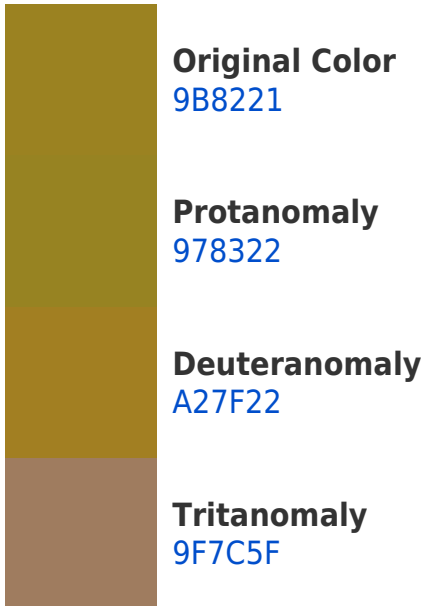
Protanopia
948422

Deuteranopia
A67D23

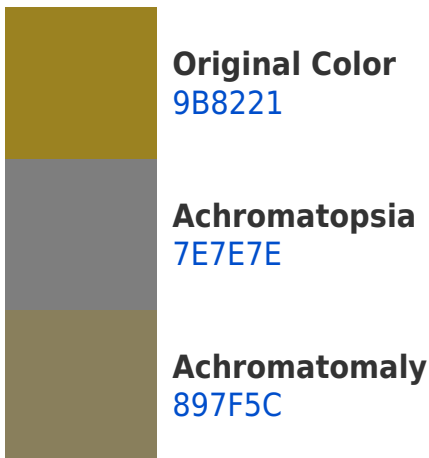


Tritanopia
A27983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8221 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 #9B8221 looks like.

```
.text, #text, p{  
    color:#9B8221  
}
```

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 #9B8221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8221
}
```

Border

The CSS property to change the border of an element to Hex 9B8221 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
#9B8221 }
```

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

```
.border{ border-color:#9B8221 }
```

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

Here you see how a box with a 4 pixel #9B8221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8221; -webkit-box-shadow:4px 4px  
4px 4px #9B8221; box-shadow:4px 4px 4px  
4px #9B8221 }
```

Background

The CSS property to change the background color of an element to Hex 9B8221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8221 }
```

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

```
.background{ background-color:#9B8221 }
```

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