

Converting Colors

Hex(9B5B45)

Have a look what the booklet for
Hex(9B5B45) contains.

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Color

Hex(9B5B45)

Conversions

Conversions Part 1

Format	Color
Hex	9B5B45
RGB	155, 91, 69
RGB Percent	61%, 36%, 27%
CMY	0.3922, 0.6431, 0.7294
CMYK	0.00, 0.41, 0.55, 0.39
HSL	15°, 38%, 44%
HSV	15°, 55%, 61%
XYZ	18.3328, 14.8804, 7.5362
YIQ	107.6280, 45.2060, 6.7260

Conversions

Conversions Part 2

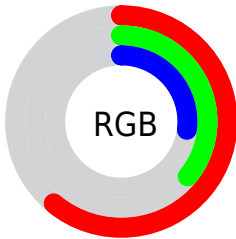
Format	Color
R _Y B	155, 99, 69
Decimal	10181445
CIE Lab	45.47, 23.93, 23.87
CIE LCh	45, 33.800, 44.919
Yxy	14.8804, 0.4499, 0.3652
Android (android.graphics.Color)	4288371525 (0xFF9B5B45)
YUV	107.6280, -19.0436, 41.5452
Hunter-Lab	38.5751, 17.3257, 15.4195

Details

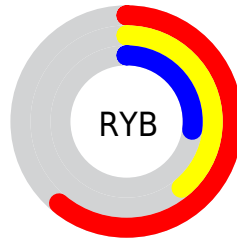
The Hex color **9B5B45** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45859B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D48E76**, and **642C19** is the 20% darker color. If you saturate the color by 10%, you get **9B4F36**, and if you desaturate by 10%, it is **9B6755**.

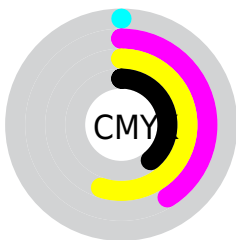
Distribution



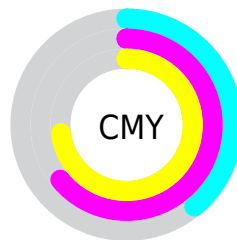
- Red (61%)
- Green (36%)
- Blue (27%)



- Red (61%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (55%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5B45 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 9B5B45 by changing the saturation by 10% instead.

 9B5B45

 9B5B45

FFFFFF

 7F432E

 D48E76

 642C19

 F2A98F

 4A1500

 FFC4AA

 300000

 FFE0C5

 0B0000

 FFFDE1

 000000

FFFFFFE

 9B5B45

 9B5B45

 9B4F36

 9B6755

■ 9B4426

■ 9B7264

■ 9B3816

■ 9B7E73

■ 9B2D07

■ 9B8983

■ 9B2800

■ 9B9593

■ 9BA0A2

■ 9BACB1

■ 9BB7C1

■ 9BC3D1

Harmonies

Analogous

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



A1555F



9B5B45



896535

Triad

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



9B5B45



24795C



576AA2

Complementary

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



9B5B45



45859B

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.



0F73A2



9B5B45



007A79

Square

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



9B5B45



4F7542



007893



805F94

Rectangle

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



9B5B45



786C32



007893



456DA4

Sweetspot

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



9B5B45



C9B0A7



9B4586



665752



E6E6E6



666666

Same Dimension

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



9B5B45



C96542



9B8645



4D4745



8C2400



0D0300

Inverse Universe

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



45859B



42A7C9



455A9B



454B4D



00688C



00090D

Previews

White Background



This preview shows how the Hex color 9B5B45 looks on a white background.

Color Contrast Check

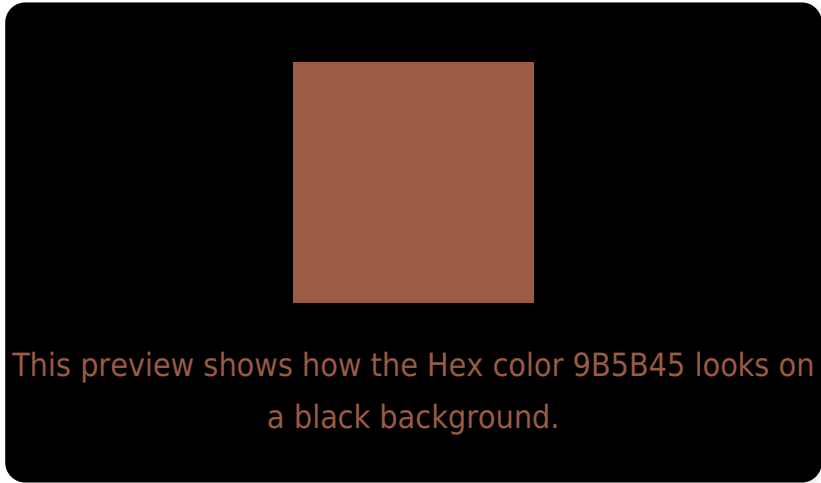
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

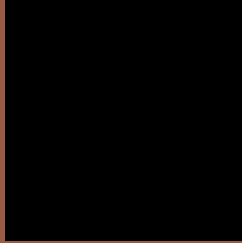
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9B5B45 Background



This preview shows how black text looks on a background with the Hex color 9B5B45.



This preview shows how white text looks on a background with the Hex color 9B5B45.

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
9B5B45

Protanopia
756C4C

Deuteranopia
836743



Tritanopia
9D585E

Trichromacy



Original Color
9B5B45

Protanomaly
836649

Deuteranomaly
8C6344

Tritanomaly
9C5955

Monochromacy



Original Color
9B5B45

Achromatopsia
6C6C6C

Achromatomaly
7D665E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5B45 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 #9B5B45 looks like.

```
.text, #text, p{  
    color:#9B5B45  
}
```

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 #9B5B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5B45
}
```

Border

The CSS property to change the border of an element to Hex 9B5B45 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
#9B5B45 }
```

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

```
.border{ border-color:#9B5B45 }
```

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

Here you see how a box with a 4 pixel #9B5B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5B45; -webkit-box-shadow:4px 4px  
4px 4px #9B5B45; box-shadow:4px 4px 4px  
4px #9B5B45 }
```

Background

The CSS property to change the background color of an element to Hex 9B5B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5B45 }
```

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

```
.background{ background-color:#9B5B45 }
```

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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