

Converting Colors

Hex(9C5200)

Have a look what the booklet for
Hex(9C5200) contains.

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Color

Hex(9C5200)

Conversions

Conversions Part 1

Format	Color
Hex	9C5200
RGB	156, 82, 0
RGB Percent	61%, 32%, 0%
CMY	0.3882, 0.6784, 1.0000
CMYK	0.00, 0.47, 1.00, 0.39
HSL	32°, 100%, 31%
HSV	32°, 100%, 61%
XYZ	16.7276, 13.1025, 1.6474
YIQ	94.7780, 70.4260, -9.8140

Conversions

Conversions Part 2

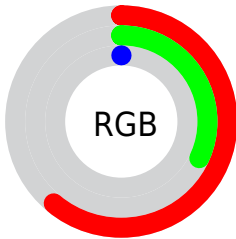
Format	Color
RYB	141, 156, 0
Decimal	10244608
CIELab	42.92, 26.25, 52.12
CIElCh	43, 58.351, 63.269
Yxy	13.1025, 0.5314, 0.4162
Android (android.graphics.Color)	4288434688 (0xFF9C5200)
YUV	94.7780, -46.7256, 53.6917
Hunter-Lab	36.1974, 19.1433, 22.6398

Details

The Hex color **9C5200** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004A9C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D8843A**, and **622300** is the 20% darker color. If you saturate the color by 10%, you get **9C5200**, and if you desaturate by 10%, it is **9C5910**.

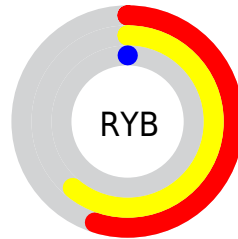
Distribution



Red (61%)

Green (32%)

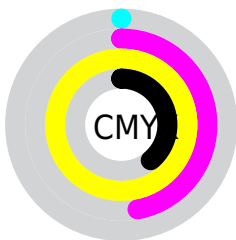
Blue (0%)



Red (55%)

Yellow (61%)

Blue (0%)

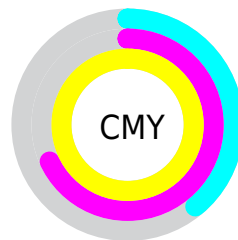


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C5200 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 9C5200 by changing the saturation by 10% instead.

 9C5200

 9C5200

 FFFFF7

 7F3A00

 D8843A

 622300

 F79F53

 460C00

 FFBA6D

 2D0000

 FFD687

 000000

 FFF2A2

 FFFFBE

 FFFFDA

 9C5200

 9C5910

 9C611F

 9C682F

 9C703E

 9C774E

 9C7E5E

 9C866D

 9C8D7D

 9C958C

Harmonies

Analogous

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



B53B33



9C5200



766500

Triad

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



9C5200



007B69



6A56B7

Complementary

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



9C5200



004A9C

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.



006AC7



9C5200



007A99

Square

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



9C5200



007837



0075BC



A23D92

Rectangle

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



9C5200



576E00



0075BC



4A5DBF

Sweetspot

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



9C5200



CCAF8F



9C004B



665541



E6E6E6



666666

Same Dimension

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



9C5200



CC6B00



999C00



4F4B47



8F4B00



0F0800

Inverse Universe

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



004A9C



0061CC



03009C



474B4F



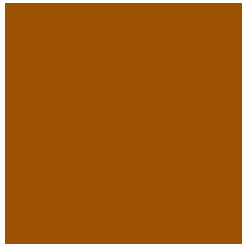
00448F



00070F

Previews

White Background



This preview shows how the Hex color 9C5200 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 9C5200 Background



This preview shows how black text looks on a background with the Hex color 9C5200.



This preview shows how white text looks on a background with the Hex color 9C5200.

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
9C5200

Protanopia
73660D

Deuteranopia
816100



Tritanopia
9F4C52

Trichromacy



Original Color
9C5200

Protanomaly
825F08

Deuteranomaly
8B5C00

Tritanomaly
9E4E34

Monochromacy



Original Color
9C5200

Achromatopsia
5F5F5F

Achromatomaly
755A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C5200 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 #9C5200 looks like.

```
.text, #text, p{  
    color:#9C5200  
}
```

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 #9C5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5200
}
```

Border

The CSS property to change the border of an element to Hex 9C5200 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
#9C5200 }
```

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

```
.border{ border-color:#9C5200 }
```

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

Here you see how a box with a 4 pixel #9C5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5200; -webkit-box-shadow:4px 4px  
4px 4px #9C5200; box-shadow:4px 4px 4px  
4px #9C5200 }
```

Background

The CSS property to change the background color of an element to Hex 9C5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5200 }
```

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

```
.background{ background-color:#9C5200 }
```

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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