

Converting Colors

Hex(9D5200)

Have a look what the booklet for
Hex(9D5200) contains.

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Color

Hex(9D5200)

Conversions

Conversions Part 1

Format	Color
Hex	9D5200
RGB	157, 82, 0
RGB Percent	62%, 32%, 0%
CMY	0.3843, 0.6784, 1.0000
CMYK	0.00, 0.48, 1.00, 0.38
HSL	31°, 100%, 31%
HSV	31°, 100%, 62%
XYZ	16.9219, 13.2027, 1.6565
YIQ	95.0770, 71.0220, -9.6020

Conversions

Conversions Part 2

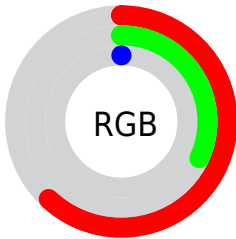
Format	Color
RYB	144, 157, 0
Decimal	10310144
CIELab	43.07, 26.68, 52.28
CIElCh	43, 58.697, 62.963
Yxy	13.2027, 0.5325, 0.4154
Android (android.graphics.Color)	4288500224 (0xFF9D5200)
YUV	95.0770, -46.8730, 54.3065
Hunter-Lab	36.3355, 19.5427, 22.7319

Details

The Hex color **9D5200** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004B9D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D9843A**, and **632300** is the 20% darker color. If you saturate the color by 10%, you get **9D5200**, and if you desaturate by 10%, it is **9D5A10**.

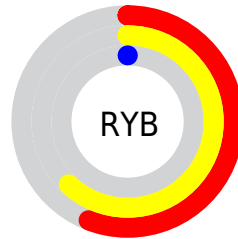
Distribution



Red (62%)

Green (32%)

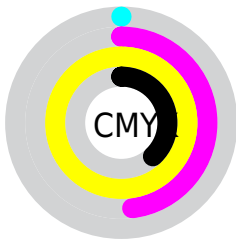
Blue (0%)



Red (56%)

Yellow (62%)

Blue (0%)

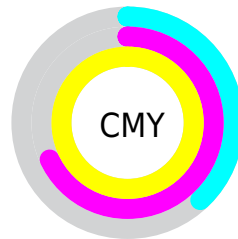


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D5200 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 9D5200 by changing the saturation by 10% instead.

 9D5200

 9D5200

 FFFFF7

 803A00

 D9843A

 632300

 F89F53

 470C00

 FFBA6D

 2D0000

 FFD687

 000000

 FFF2A2

 FFFFBE

 FFFFDA

 9D5200

 9D5A10

 9D611F

 9D692F

 9D703F

 9D784F

 9D7F5E

 9D876E

 9D8E7E

 9D968D

Harmonies

Analogous

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



B63A34



9D5200



776500

Triad

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



9D5200



007B69



6956B8

Complementary

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



9D5200



004B9D

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.



006AC8



9D5200



007B9A

Square

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



9D5200



007837



0076BC



A33D93

Rectangle

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



9D5200



576E00



0076BC



495EC0

Sweetspot

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



9D5200



CCAF8F



9D004C



665441



E6E6E6



666666

Same Dimension

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



9D5200



CC6B00



9A9D00



4F4B47



8F4B00



0F0800

Inverse Universe

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



004B9D



0061CC



03009D



474B4F



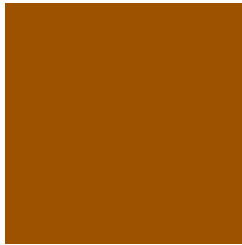
00448F



00070F

Previews

White Background



This preview shows how the Hex color 9D5200 looks on a white background.

Color Contrast Check

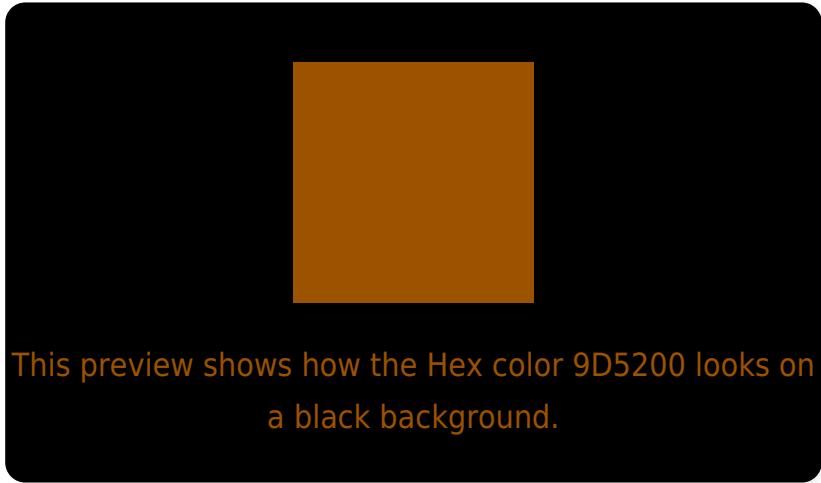
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D5200 Background



This preview shows how black text looks on a background with the Hex color 9D5200.



This preview shows how white text looks on a background with the Hex color 9D5200.

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
9D5200

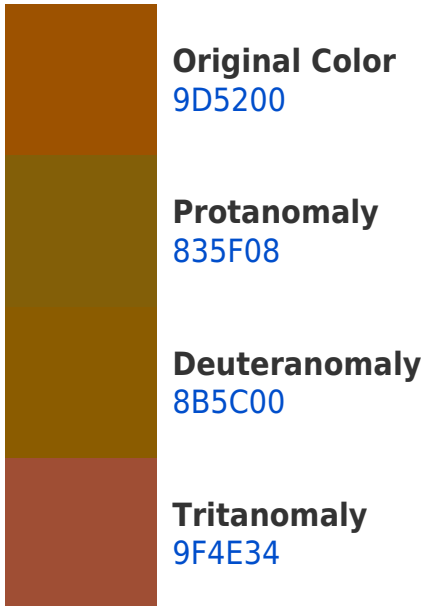
Protanopia
74670D

Deuteranopia
816100

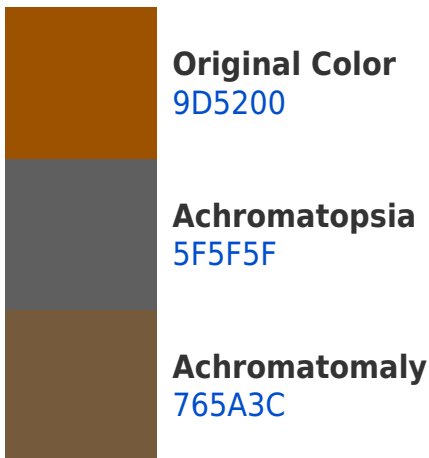


Tritanopia
A04C52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D5200 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 #9D5200 looks like.

```
.text, #text, p{  
    color:#9D5200  
}
```

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 #9D5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5200
}
```

Border

The CSS property to change the border of an element to Hex 9D5200 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
#9D5200 }
```

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

```
.border{ border-color:#9D5200 }
```

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

Here you see how a box with a 4 pixel #9D5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5200; -webkit-box-shadow:4px 4px  
4px 4px #9D5200; box-shadow:4px 4px 4px  
4px #9D5200 }
```

Background

The CSS property to change the background color of an element to Hex 9D5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5200 }
```

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

```
.background{ background-color:#9D5200 }
```

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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