

Converting Colors

Hex(9B520D)

Have a look what the booklet for
Hex(9B520D) contains.

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Color

Hex(9B520D)

Conversions

Conversions Part 1

Format	Color
Hex	9B520D
RGB	155, 82, 13
RGB Percent	61%, 32%, 5%
CMY	0.3922, 0.6784, 0.9490
CMYK	0.00, 0.47, 0.92, 0.39
HSL	29°, 85%, 33%
HSV	29°, 92%, 61%
XYZ	16.6075, 13.0322, 2.0209
YIQ	95.9610, 65.6570, -5.9830

Conversions

Conversions Part 2

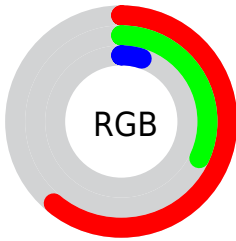
Format	Color
R_{YB}	155, 147, 13
Decimal	10179085
CIE _{Lab}	42.81, 26.03, 48.45
CIE _{LCh}	43, 54.996, 61.752
Yxy	13.0322, 0.5245, 0.4116
Android (android.graphics.Color)	4288369165 (0xFF9B520D)
YUV	95.9610, -40.8998, 51.7772
Hunter-Lab	36.1001, 18.9419, 21.9510

Details

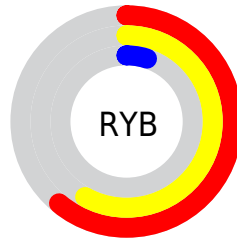
The Hex color **9B520D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0D569B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D78441**, and **612300** is the 20% darker color. If you saturate the color by 10%, you get **9B4B00**, and if you desaturate by 10%, it is **9B5A1D**.

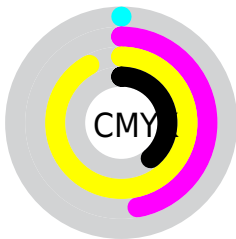
Distribution



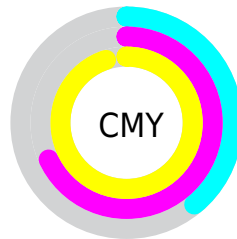
- Red (61%)
- Green (32%)
- Blue (5%)



- Red (61%)
- Yellow (58%)
- Blue (5%)



- Cyan (0%)
- Magenta (47%)
- Yellow (92%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B520D 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 9B520D by changing the saturation by 10% instead.

 9B520D

 9B520D

FFFFFFE

 7E3A00

 D78441

 612300

 F59F5A

 450C00

 FFBA74

 2C0000

 FFD68E

 000000

 FFF2A9

 FFFFC5

 FFFFE1

 9B520D

 9B520D

■ 9B4B00

■ 9B5A1D

■ 9B622C

■ 9B6A3C

■ 9B724B

■ 9B7A5B

■ 9B826A

■ 9B8A7A

■ 9B9289

■ 9B9A99

Harmonies

Analogous

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



B13D38



9B520D



786400

Triad

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



9B520D



007A67



6658B3

Complementary

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



9B520D



0D569B

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.



006AC1



9B520D



007994

Square

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



9B520D



007737



0075B5



9D4191

Rectangle

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



9B520D



5A6D00



0075B5



485EBA

Sweetspot

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



9B520D



C9AD93



9B0D56



665545



E6E6E6



666666

Same Dimension

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



9B520D



C96200



9B990D



4D4945



8C4400



0D0600

Inverse Universe

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



0D569B



0068C9



0D0F9B



45494D



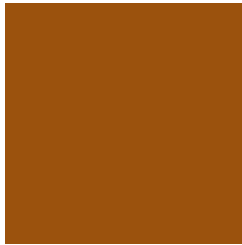
00488C



00070D

Previews

White Background



This preview shows how the Hex color 9B520D 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

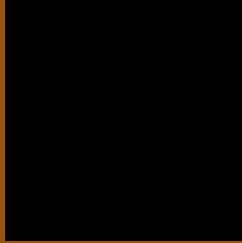
Any Text WCAG AA × Fail

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 9B520D Background



This preview shows how black text looks on a background with the Hex color 9B520D.



This preview shows how white text looks on a background with the Hex color 9B520D.

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
9B520D

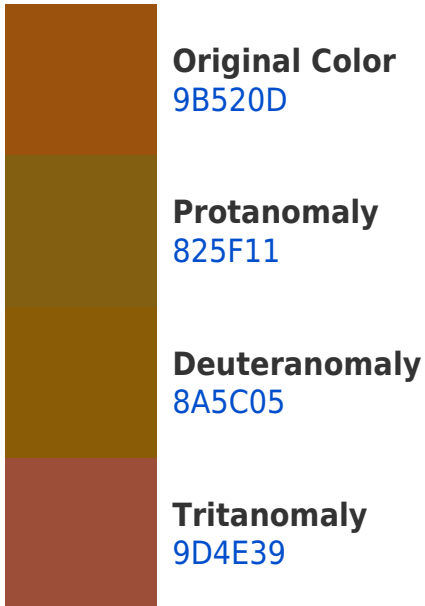
Protanopia
736613

Deuteranopia
816100

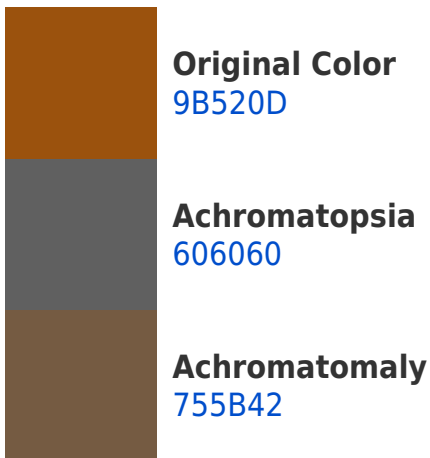


Tritanopia
9E4C52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B520D 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 #9B520D looks like.

```
.text, #text, p{  
    color:#9B520D  
}
```

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 #9B520D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B520D
}
```

Border

The CSS property to change the border of an element to Hex 9B520D 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
#9B520D }
```

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

```
.border{ border-color:#9B520D }
```

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

Here you see how a box with a 4 pixel #9B520D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B520D; -webkit-box-shadow:4px 4px  
4px 4px #9B520D; box-shadow:4px 4px 4px  
4px #9B520D }
```

Background

The CSS property to change the background color of an element to Hex 9B520D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B520D }
```

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

```
.background{ background-color:#9B520D }
```

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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