

# Converting Colors

Hex(9A5D23)

Have a look what the booklet for  
Hex(9A5D23) contains.

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**Color**

**Hex(9A5D23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A5D23
RGB	154, 93, 35
RGB Percent	60%, 36%, 14%
CMY	0.3961, 0.6353, 0.8627
CMYK	0.00, 0.40, 0.77, 0.40
HSL	29°, 63%, 37%
HSV	29°, 77%, 60%
XYZ	17.5441, 14.8201, 3.5260
YIQ	104.6270, 54.9740, -5.1060

# Conversions

## Conversions Part 2

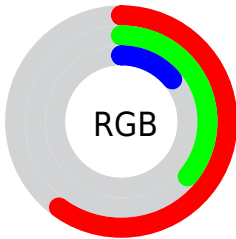
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 148, 35
Decimal	10116387
CIELab	45.39, 20.09, 42.09
CIELCh	45, 46.639, 64.486
Yxy	14.8201, 0.4888, 0.4129
Android (android.graphics.Color)	4288306467 (0xFF9A5D23)
YUV	104.6270, -34.3261, 43.3001
Hunter-Lab	38.4969, 13.9782, 21.5173

# Details

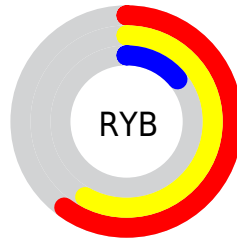
The Hex color **9A5D23** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23609A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D59053**, and **622E00** is the 20% darker color. If you saturate the color by 10%, you get **9A5514**, and if you desaturate by 10%, it is **9A6532**.

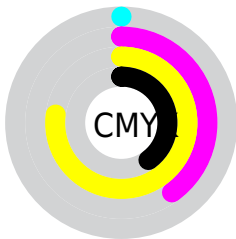
# Distribution



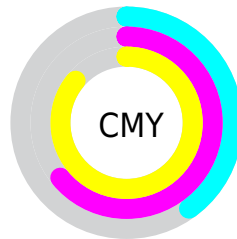
- Red (60%)
- Green (36%)
- Blue (14%)



- Red (60%)
- Yellow (58%)
- Blue (14%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5D23 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 9A5D23 by changing the saturation by 10% instead.



 9A5D23

 9A5D23

FFFFFF

 7E4509

 D59053

 622E00

 F3AA6D

 461900

 FFC687

 2C0300

 FFE2A1

 010000

 FFFEBD

 000000

 FFFFD9

 FFFFF5

 9A5D23

 9A5D23

■ 9A5514

■ 9A6532

■ 9A4D04

■ 9A6D42

■ 9A4B00

■ 9A7551

■ 9A7D61

■ 9A8470

■ 9A8C7F

■ 9A948F

■ 9A9C9E

■ 9AA4AE

# Harmonies

## Analogous

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



AE4E41



9A5D23



7A6B15

# Triad

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



9A5D23



007E70



745FAC

# Complementary

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



9A5D23



23609A

# 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.



166EB9



9A5D23



007D97

# Square

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



9A5D23



037C48



0078B1



9F4E8E

# Rectangle

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



9A5D23



61731E



0078B1



5F64B3



# Sweetspot

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



9A5D23



C9B29B



9A2360



665749



E6E6E6



666666



# Same Dimension

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



9A5D23



C9690E



9A9823



4D4945



8C4400



0D0600



# Inverse Universe

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



23609A



0E6EC9



23259A



45494D



00488C



00070D



# Previews

## White Background



This preview shows how the Hex color 9A5D23 looks on a white background.

## Color Contrast Check

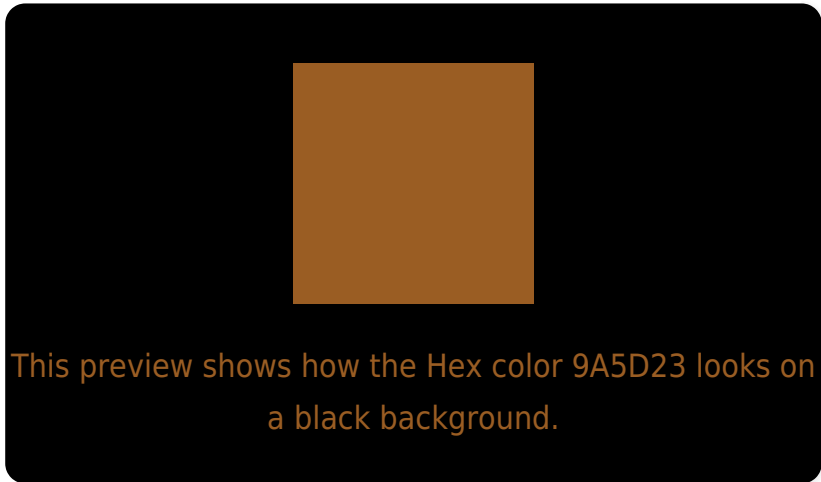
Large Text (above 18pt) WCAG AA ✓ Pass

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

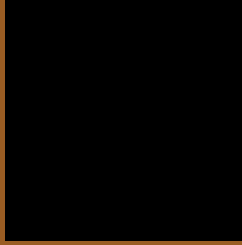
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A5D23 Background



This preview shows how black text looks on a background with the Hex color 9A5D23.



This preview shows how white text looks on a background with the Hex color 9A5D23.

# 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**  
9A5D23

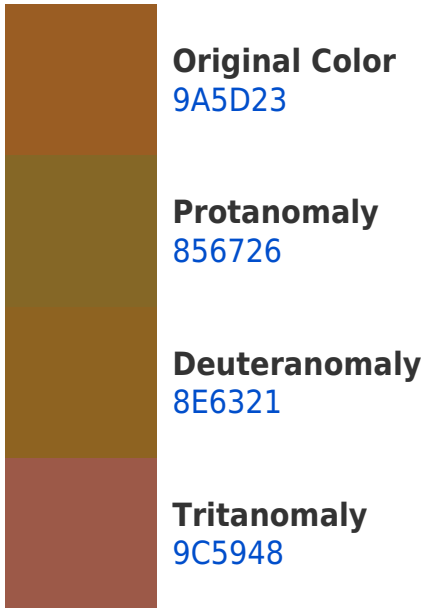
**Protanopia**  
796C27

**Deuteranopia**  
876620

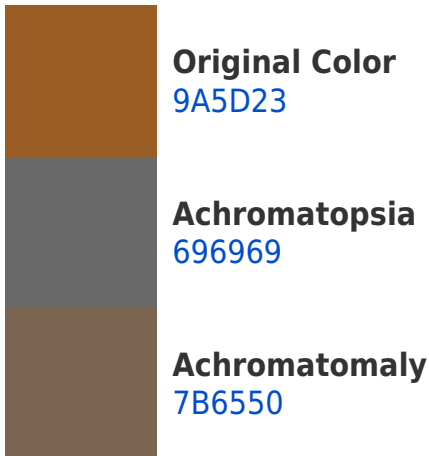


**Tritanopia**  
9D575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5D23 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 #9A5D23 looks like.

```
.text, #text, p{  
    color:#9A5D23  
}
```

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 #9A5D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5D23
}
```

## Border

The CSS property to change the border of an element to Hex 9A5D23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

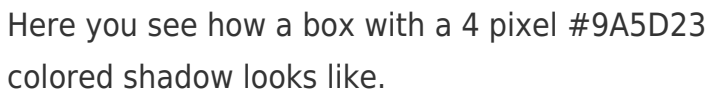
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5D23 }
```

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

```
.border{ border-color:#9A5D23 }
```

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



Here you see how a box with a 4 pixel #9A5D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5D23; -webkit-box-shadow:4px 4px  
4px 4px #9A5D23; box-shadow:4px 4px 4px  
4px #9A5D23 }
```

# Background

The CSS property to change the background color of an element to Hex 9A5D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5D23 }
```

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

```
.background{ background-color:#9A5D23 }
```

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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