

Converting Colors

Hex(9B5D19)

Have a look what the booklet for
Hex(9B5D19) contains.

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Color

Hex(9B5D19)

Conversions

Conversions Part 1

Format	Color
Hex	9B5D19
RGB	155, 93, 25
RGB Percent	61%, 36%, 10%
CMY	0.3922, 0.6353, 0.9020
CMYK	0.00, 0.40, 0.84, 0.39
HSL	31°, 72%, 35%
HSV	31°, 84%, 61%
XYZ	17.6074, 14.8675, 2.8614
YIQ	103.7860, 58.7800, -8.0040

Conversions

Conversions Part 2

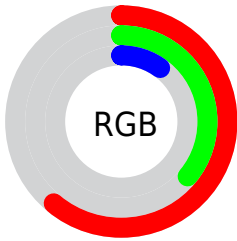
Format	Color
RYB	144, 155, 25
Decimal	10181913
CIELab	45.45, 20.15, 46.49
CIELCh	45, 50.669, 66.568
Yxy	14.8675, 0.4983, 0.4207
Android (android.graphics.Color)	4288371993 (0xFF9B5D19)
YUV	103.7860, -38.8415, 44.9147
Hunter-Lab	38.5583, 14.0337, 22.5909

Details

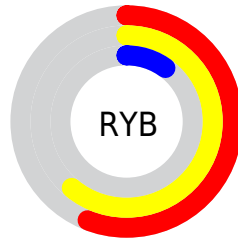
The Hex color **9B5D19** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **19579B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D6904B**, and **632E00** is the 20% darker color. If you saturate the color by 10%, you get **9B5609**, and if you desaturate by 10%, it is **9B6428**.

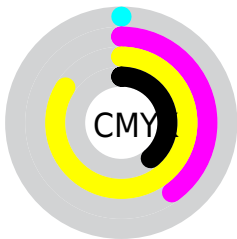
Distribution



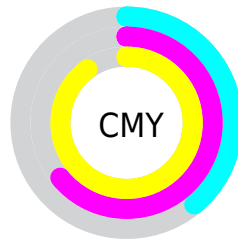
- Red (61%)
- Green (36%)
- Blue (10%)



- Red (56%)
- Yellow (61%)
- Blue (10%)



- Cyan (0%)
- Magenta (40%)
- Yellow (84%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5D19 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 9B5D19 by changing the saturation by 10% instead.

 9B5D19

 9B5D19

FFFFFF

 7E4500

 D6904B

 632E00

 F4AA64

 471900

 FFC67E

 2D0300

 FFE299

 010000

 FFFEB4

 000000

 FFFF00

 FFFFEC

 9B5D19

 9B5D19

■ 9B5609

■ 9B6428

■ 9B5100

■ 9B6C38

■ 9B7348

■ 9B7B57

■ 9B8266

■ 9B8976

■ 9B9185

■ 9B9895

■ 9BA0A4

Harmonies

Analogous

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



B24B3B



9B5D19



786D06

Triad

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



9B5D19



007F74



795CB0

Complementary

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



9B5D19



19579B

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.



036DC0



9B5D19



007E9D

Square

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



9B5D19



007D48



0079B9



A64A8E

Rectangle

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



9B5D19



5C7415



0079B9



6262B8

Sweetspot

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



9B5D19



C9B197



9B1958



665747



E6E6E6



666666

Same Dimension

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



9B5D19



C96900



999B19



4D4945



8C4900



0D0700

Inverse Universe

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



19579B



0060C9



1B199B



45484D



00438C



00060D

Previews

White Background



This preview shows how the Hex color 9B5D19 looks on a white background.

Color Contrast Check

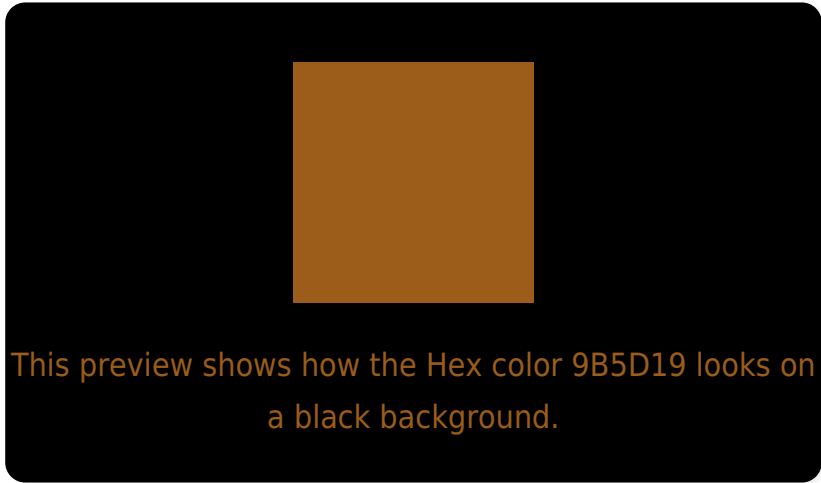
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B5D19 Background



This preview shows how black text looks on a background with the Hex color 9B5D19.



This preview shows how white text looks on a background with the Hex color 9B5D19.

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
9B5D19

Protanopia
796C1D

Deuteranopia
886714



Tritanopia
9E575D

Trichromacy



Original Color
9B5D19

Protanomaly
85671C

Deuteranomaly
8F6316

Tritanomaly
9D5944

Monochromacy



Original Color
9B5D19

Achromatopsia
686868

Achromatomaly
7B644B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5D19 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 #9B5D19 looks like.

```
.text, #text, p{  
    color:#9B5D19  
}
```

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 #9B5D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5D19
}
```

Border

The CSS property to change the border of an element to Hex 9B5D19 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
#9B5D19 }
```

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

```
.border{ border-color:#9B5D19 }
```

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

Here you see how a box with a 4 pixel #9B5D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5D19; -webkit-box-shadow:4px 4px  
4px 4px #9B5D19; box-shadow:4px 4px 4px  
4px #9B5D19 }
```

Background

The CSS property to change the background color of an element to Hex 9B5D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5D19 }
```

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

```
.background{ background-color:#9B5D19 }
```

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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