

Converting Colors

Hex(9D5F00)

Have a look what the booklet for
Hex(9D5F00) contains.

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Color

Hex(9D5F00)

Conversions

Conversions Part 1

Format	Color
Hex	9D5F00
RGB	157, 95, 0
RGB Percent	62%, 37%, 0%
CMY	0.3843, 0.6275, 1.0000
CMYK	0.00, 0.39, 1.00, 0.38
HSL	36°, 100%, 31%
HSV	36°, 100%, 62%
XYZ	17.9968, 15.3525, 2.0148
YIQ	102.7080, 67.4470, -16.4010

Conversions

Conversions Part 2

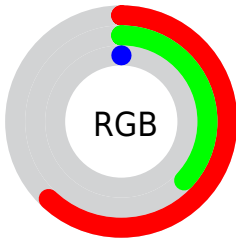
Format	Color
RYB	102, 157, 0
Decimal	10313472
CIELab	46.11, 19.39, 54.19
CIElCh	46, 57.555, 70.317
Yxy	15.3525, 0.5089, 0.4341
Android (android.graphics.Color)	4288503552 (0xFF9D5F00)
YUV	102.7080, -50.6350, 47.6141
Hunter-Lab	39.1823, 13.4179, 24.3788

Details

The Hex color **9D5F00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003E9D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D9923C**, and **643000** is the 20% darker color. If you saturate the color by 10%, you get **9D5F00**, and if you desaturate by 10%, it is **9D6510**.

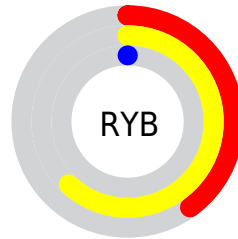
Distribution



Red (62%)

Green (37%)

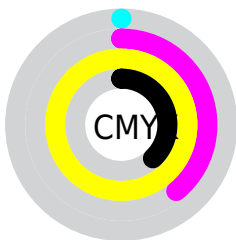
Blue (0%)



Red (40%)

Yellow (62%)

Blue (0%)

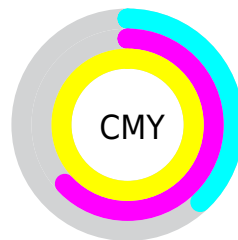


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D5F00 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 9D5F00 by changing the saturation by 10% instead.

 9D5F00

 9D5F00

 FFFFFB

 804700

 D9923C

 643000

 F7AC56

 481B00

 FFC870

 2E0500

 FFE48B

 070000

 FFFFA6

 000000

 FFFFC2

 FFFFDE

 9D5F00

 9D6510

 9D6B1F

 9D722F

 9D783F

 9D7E4F

 9D845E

 9D8A6E

 9D917E

 9D978D

Harmonies

Analogous

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



B94931



9D5F00



747000

Triad

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



9D5F00



00837D



8458B7

Complementary

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



9D5F00



003E9D

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.



006DCD



9D5F00



0082AB

Square

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



9D5F00



00814B



007BC8



B3418F

Rectangle

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



9D5F00



537805



007BC8



6B60C1

Sweetspot

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



9D5F00



CCB48F



9D003F



665741



E6E6E6



666666

Same Dimension

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



9D5F00



CC7B00



8D9D00



4F4C47



8F5600



0F0900

Inverse Universe

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



003E9D



0051CC



10009D



474A4F



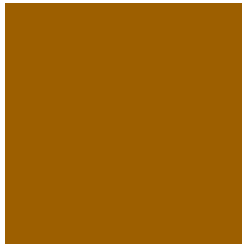
00388F



00060F

Previews

White Background



This preview shows how the Hex color 9D5F00 looks on a white background.

Color Contrast Check

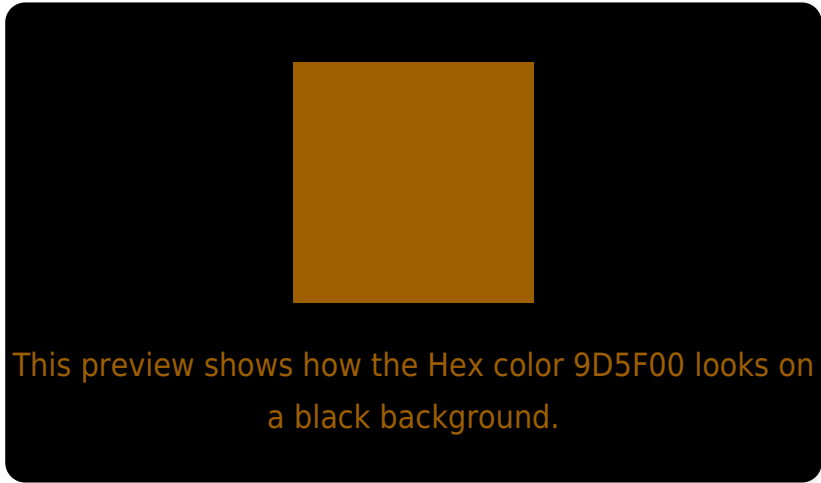
Large Text (above 18pt) WCAG AA ✓ Pass

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

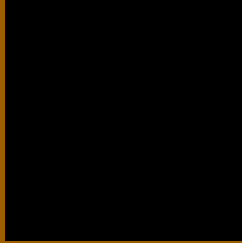
Any Text WCAG AA × Fail

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 9D5F00 Background



This preview shows how black text looks on a background with the Hex color 9D5F00.



This preview shows how white text looks on a background with the Hex color 9D5F00.

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
9D5F00

Protanopia
7C6E0C

Deuteranopia
8B6800



Tritanopia
A1585F

Trichromacy



Original Color
9D5F00

Protanomaly
886908

Deuteranomaly
926500

Tritanomaly
A05B3C

Monochromacy



Original Color
9D5F00

Achromatopsia
676767

Achromatomaly
7B6442

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D5F00 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 #9D5F00 looks like.

```
.text, #text, p{  
    color:#9D5F00  
}
```

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 #9D5F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5F00
}
```

Border

The CSS property to change the border of an element to Hex 9D5F00 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
#9D5F00 }
```

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

```
.border{ border-color:#9D5F00 }
```

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

Here you see how a box with a 4 pixel #9D5F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5F00; -webkit-box-shadow:4px 4px  
4px 4px #9D5F00; box-shadow:4px 4px 4px  
4px #9D5F00 }
```

Background

The CSS property to change the background color of an element to Hex 9D5F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5F00 }
```

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

```
.background{ background-color:#9D5F00 }
```

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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