

Converting Colors

Hex(9F6300)

Have a look what the booklet for
Hex(9F6300) contains.

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Color

Hex(9F6300)

Conversions

Conversions Part 1

Format	Color
Hex	9F6300
RGB	159, 99, 0
RGB Percent	62%, 39%, 0%
CMY	0.3765, 0.6118, 1.0000
CMYK	0.00, 0.38, 1.00, 0.38
HSL	37°, 100%, 31%
HSV	37°, 100%, 62%
XYZ	18.7599, 16.2946, 2.1564
YIQ	105.6540, 67.5390, -18.0690

Conversions

Conversions Part 2

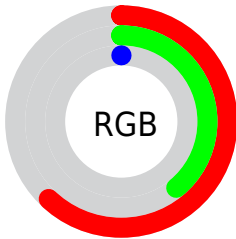
Format	Color
R_{YB}	96, 159, 0
Decimal	10445568
CIE _{Lab}	47.36, 18.02, 55.13
CIE _{LCh}	47, 57.998, 71.899
Yxy	16.2946, 0.5042, 0.4379
Android (android.graphics.Color)	4288635648 (0xFF9F6300)
YUV	105.6540, -52.0874, 46.7844
Hunter-Lab	40.3666, 12.3144, 25.0893

Details

The Hex color **9F6300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003C9F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **DB963D**, and **663400** is the 20% darker color. If you saturate the color by 10%, you get **9F6300**, and if you desaturate by 10%, it is **9F6910**.

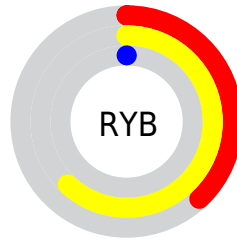
Distribution



Red (62%)

Green (39%)

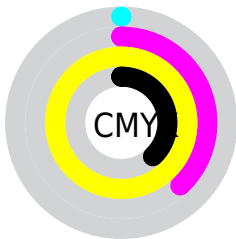
Blue (0%)



Red (38%)

Yellow (62%)

Blue (0%)

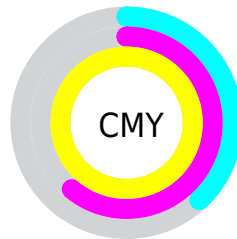


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F6300 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 9F6300 by changing the saturation by 10% instead.



9F6300



9F6300

FFFFFFD



824B00



DB963D



663400



F9B157



4A1F00



FFCC71



2F0A00



FFE88C



100000



FFFA7



000000



FFFFC3



FFFFE0



9F6300

 9F6910

 9F6F20

 9F7530

 9F7B40

 9F8150

 9F875F

 9F8D6F

 9F937F

 9F998F

Harmonies

Analogous

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



BC4D31



9F6300



757400

Triad

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



9F6300



008783



8B5ABA

Complementary

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



9F6300



003C9F

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.



1970D1



9F6300



0085B1

Square

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



9F6300



008550



007ECD



B84390

Rectangle

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



9F6300



537C0D



007ECD



7362C4

Sweetspot

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



9F6300



CFB791



9F003D



695A43



E8E8E8



696969

Same Dimension

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



9F6300



CF8100



8C9F00



4F4C47



8F5900



0F0A00

Inverse Universe

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



003C9F



004ECF



13009F



474A4F



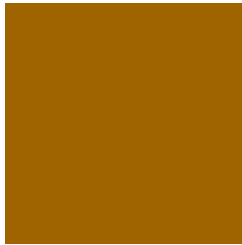
00368F



00060F

Previews

White Background



This preview shows how the Hex color 9F6300 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 9F6300 Background



This preview shows how black text looks on a background with the Hex color 9F6300.



This preview shows how white text looks on a background with the Hex color 9F6300.

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
9F6300

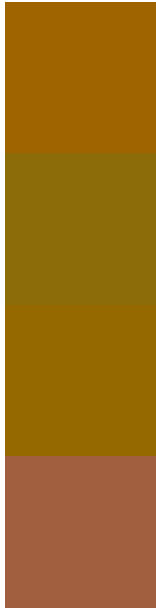
Protanopia
7F710C

Deuteranopia
8F6B00



Tritanopia
A35C63

Trichromacy



Original Color
9F6300

Protanomaly
8B6C08

Deuteranomaly
956800

Tritanomaly
A25F3F

Monochromacy



Original Color
9F6300

Achromatopsia
6A6A6A

Achromatomaly
7D6743

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F6300 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 #9F6300 looks like.

```
.text, #text, p{  
    color:#9F6300  
}
```

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 #9F6300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6300
}
```

Border

The CSS property to change the border of an element to Hex 9F6300 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
#9F6300 }
```

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

```
.border{ border-color:#9F6300 }
```

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

Here you see how a box with a 4 pixel #9F6300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6300; -webkit-box-shadow:4px 4px  
4px 4px #9F6300; box-shadow:4px 4px 4px  
4px #9F6300 }
```

Background

The CSS property to change the background color of an element to Hex 9F6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6300 }
```

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

```
.background{ background-color:#9F6300 }
```

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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