

Converting Colors

Hex(996300)

Have a look what the booklet for
Hex(996300) contains.

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Color

Hex(996300)

Conversions

Conversions Part 1

Format	Color
Hex	996300
RGB	153, 99, 0
RGB Percent	60%, 39%, 0%
CMY	0.4000, 0.6118, 1.0000
CMYK	0.00, 0.35, 1.00, 0.40
HSL	39°, 100%, 30%
HSV	39°, 100%, 60%
XYZ	17.5987, 15.6960, 2.1021
YIQ	103.8600, 63.9630, -19.3410

Conversions

Conversions Part 2

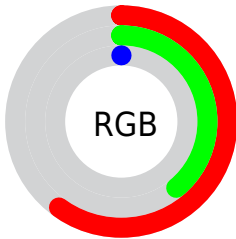
Format	Color
R_{YB}	83, 153, 0
Decimal	10052352
CIE _{Lab}	46.57, 15.27, 54.23
CIE _{LCh}	47, 56.341, 74.274
Yxy	15.6960, 0.4972, 0.4434
Android (android.graphics.Color)	4288242432 (0xFF996300)
YUV	103.8600, -51.2030, 43.0958
Hunter-Lab	39.6182, 9.9594, 24.5869

Details

The Hex color **996300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003699**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D4963D**, and **603400** is the 20% darker color. If you saturate the color by 10%, you get **996300**, and if you desaturate by 10%, it is **99680F**.

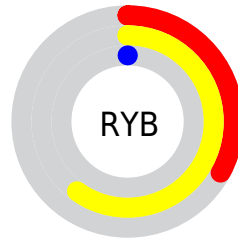
Distribution



Red (60%)

Green (39%)

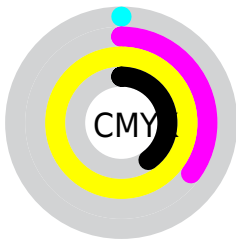
Blue (0%)



Red (33%)

Yellow (60%)

Blue (0%)

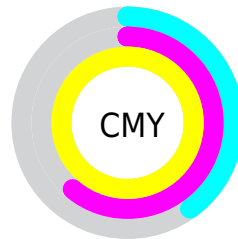


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 996300 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 996300 by changing the saturation by 10% instead.

 996300

 996300

 FFFFFC

 7C4B00

 D4963D

 603400

 F2B057

 451F00

 FFCC71

 2B0A00

 FFE88C

 010000

 FFFFA7

 000000

 FFFFC3

 FFFFDF

 996300

 99680F

 996E1F

 99732E

 99793D

 997E4D

 99835C

 99896B

 998E7A

 99948A

Harmonies

Analogous

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



B74E2E



996300



707300

Triad

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



996300



008484



8D57B3

Complementary

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



996300



003699

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.



306CCB



996300



0082B0

Square

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



996300



008353



007BCA



B64289

Rectangle

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



996300



4D7B14



007BCA



775FBD

Sweetspot

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



996300



C7B28B



990038



635740



E3E3E3



636363

Same Dimension

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



996300



C78100



859900



4D4A45



8C5B00



0D0800

Inverse Universe

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



003699



0046C7



140099



45484D



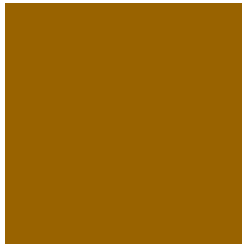
00328C



00050D

Previews

White Background



This preview shows how the Hex color 996300 looks on a white background.

Color Contrast Check

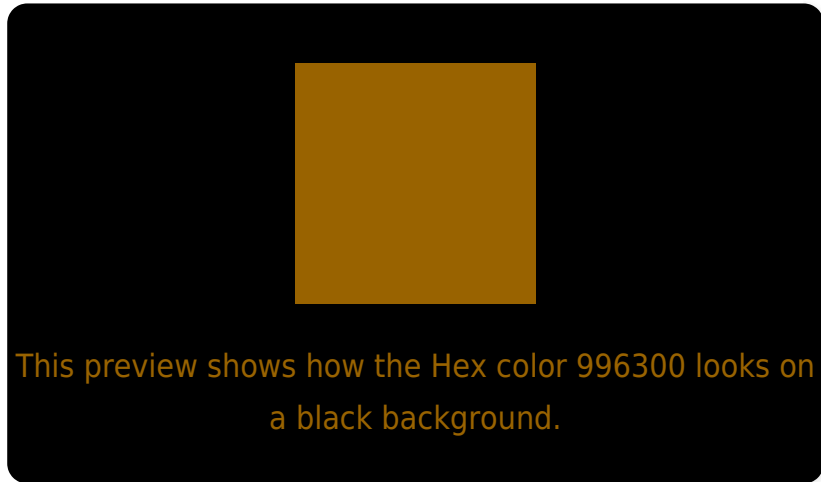
Large Text (above 18pt) WCAG AA ✓ Pass

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 996300 Background



This preview shows how black text looks on a background with the Hex color 996300.



This preview shows how white text looks on a background with the Hex color 996300.

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
996300

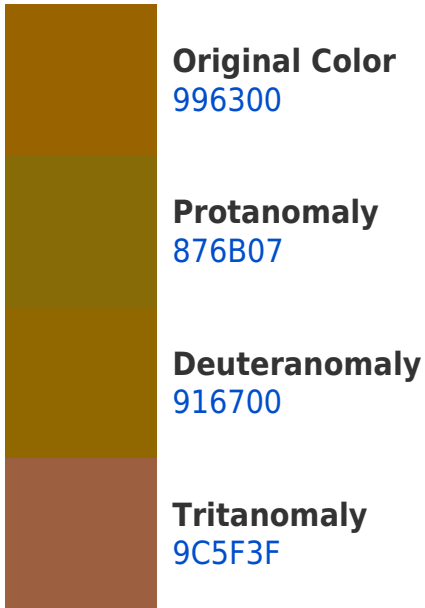
Protanopia
7D6F0B

Deuteranopia
8C6900

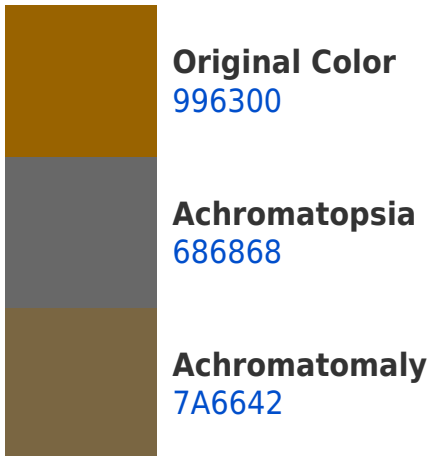


Tritanopia
9D5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 996300 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 #996300 looks like.

```
.text, #text, p{  
    color:#996300  
}
```

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 #996300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996300
}
```

Border

The CSS property to change the border of an element to Hex 996300 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
#996300 }
```

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

```
.border{ border-color:#996300 }
```

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

Here you see how a box with a 4 pixel #996300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996300; -webkit-box-shadow:4px 4px  
4px 4px #996300; box-shadow:4px 4px 4px  
4px #996300 }
```

Background

The CSS property to change the background color of an element to Hex 996300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996300 }
```

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

```
.background{ background-color:#996300 }
```

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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