

# Converting Colors

Hex(996028)

Have a look what the booklet for  
Hex(996028) contains.

<b>Hex(996028)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(996028)**

# Conversions

Conversions Part 1	
Format	Color
Hex	996028
RGB	153, 96, 40
RGB Percent	60%, 38%, 16%
CMY	0.4000, 0.6235, 0.8431
CMYK	0.00, 0.37, 0.74, 0.40
HSL	30°, 59%, 38%
HSV	30°, 74%, 60%
XYZ	17.7027, 15.2912, 4.0260
YIQ	106.6590, 51.9480, -5.3320

# Conversions

## Conversions Part 2

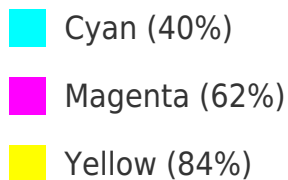
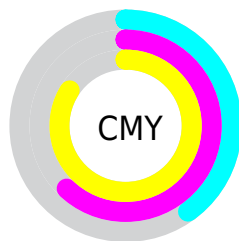
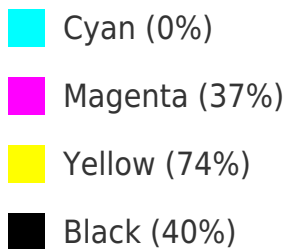
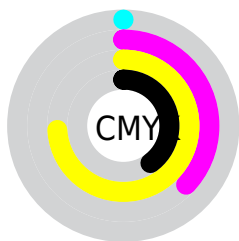
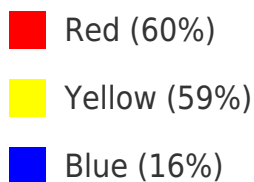
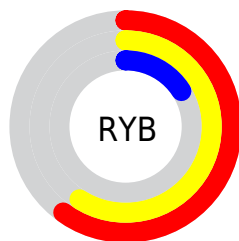
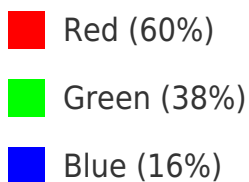
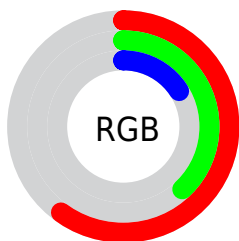
Format	Color
<a href="#">RYB</a>	<a href="#">153, 151, 40</a>
Decimal	<a href="#">10051624</a>
CIELab	<a href="#">46.03, 18.17, 40.32</a>
CIELCh	<a href="#">46, 44.225, 65.742</a>
Yxy	<a href="#">15.2912, 0.4782, 0.4131</a>
Android (android.graphics.Color)	<a href="#">4288241704</a> (0xFF996028)
YUV	<a href="#">106.6590, -32.8629, 40.6411</a>
Hunter-Lab	<a href="#">39.1040, 12.3765, 21.2686</a>

# Details

The Hex color **996028** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **286199**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D39358**, and **613100** is the 20% darker color. If you saturate the color by 10%, you get **995819**, and if you desaturate by 10%, it is **996837**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 996028 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 996028 by changing the saturation by 10% instead.




 996028

 996028

FFFFFF

 7D480F

 D39358

 613100

 F1AD72

 461C00

 FFC98C

 2C0600

 FFE5A6

 030000

 FFFFC2

 000000

 FFFFDE

 FFFFFB

 996028

 996028

 995819

 996837

 995109

 996F47

 994C00

 997756

 997F65

 998774

 998E84

 999693

 999EA2

 99A5B2

# Harmonies

## Analogous

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



AD5244



996028



7A6D1D

# Triad

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



996028



007F73



7860A9

# Complementary

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



996028



286199

# 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.



2D6FB7



996028



007E97

# Square

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



996028



127D4D



0079B0



A0518C

# Rectangle

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



996028



627425



0079B0



6565B0



# Sweetspot

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



996028



C7B19B



992862



63564A



E3E3E3



636363



# Same Dimension

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



996028



C76E16



999728



4D4945



8C4600



0D0600



# Inverse Universe

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



286199



166FC7



282A99



45494D



00478C



00060D



# Previews

## White Background



This preview shows how the Hex color 996028 looks on a white background.

## Color Contrast Check

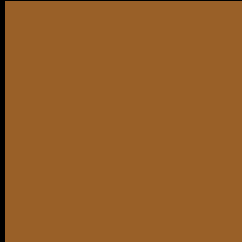
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 996028 looks on a 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 996028 Background



This preview shows how black text looks on a background with the Hex color 996028.



This preview shows how white text looks on a background with the Hex color 996028.

# 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**  
996028

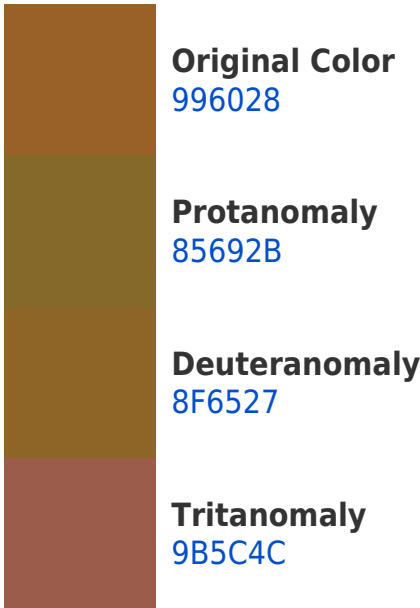
**Protanopia**  
7A6E2C

**Deuteranopia**  
896826

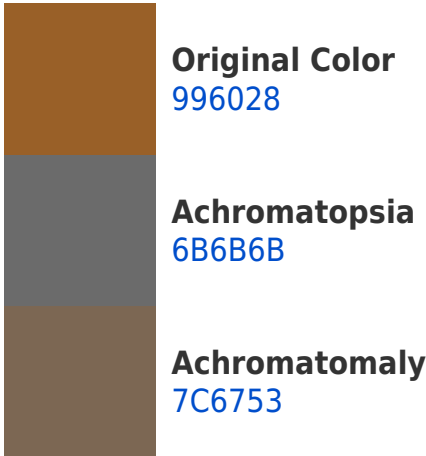


**Tritanopia**  
9C5A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996028 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 #996028 looks like.

```
.text, #text, p{  
    color:#996028  
}
```

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 #996028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996028
}
```

## Border

The CSS property to change the border of an element to Hex 996028 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
#996028 }
```

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

```
.border{ border-color:#996028 }
```

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

Here you see how a box with a 4 pixel #996028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996028; -webkit-box-shadow:4px 4px  
4px 4px #996028; box-shadow:4px 4px 4px  
4px #996028 }
```

# Background

The CSS property to change the background color of an element to Hex 996028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996028 }
```

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

```
.background{ background-color:#996028 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor