

# Converting Colors

Hex(996140)

Have a look what the booklet for  
Hex(996140) contains.

<b>Hex(996140)</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(996140)**

# Conversions

Conversions Part 1	
Format	Color
Hex	996140
RGB	153, 97, 64
RGB Percent	60%, 38%, 25%
CMY	0.4000, 0.6196, 0.7490
CMYK	0.00, 0.37, 0.58, 0.40
HSL	22°, 41%, 43%
HSV	22°, 58%, 60%
XYZ	18.3370, 15.6919, 6.9129
YIQ	109.9820, 43.9690, 1.6090

# Conversions

## Conversions Part 2

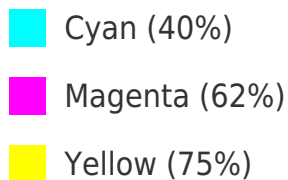
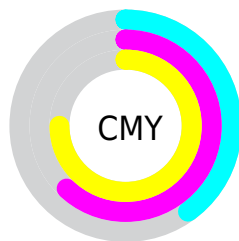
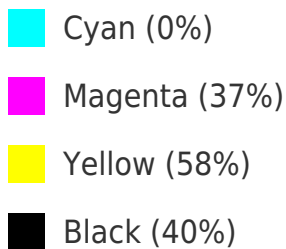
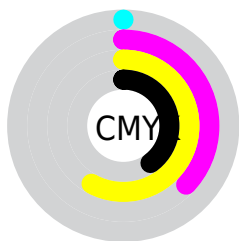
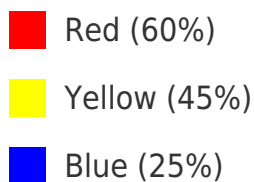
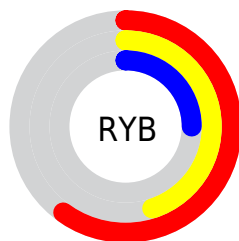
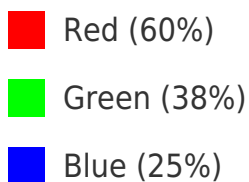
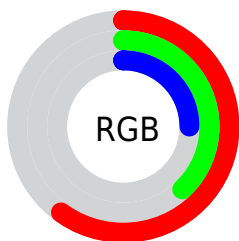
Format	Color
<a href="#">RYB</a>	<a href="#">153, 116, 64</a>
Decimal	<a href="#">10051904</a>
CIELab	<a href="#">46.57, 19.22, 28.09</a>
CIELCh	<a href="#">47, 34.038, 55.611</a>
Yxy	<a href="#">15.6919, 0.4479, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4288241984</a> (0xFF996140)
YUV	<a href="#">109.9820, -22.6691, 37.7268</a>
Hunter-Lab	<a href="#">39.6130, 13.3056, 17.3824</a>

# Details

The Hex color **996140** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **407899**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D29470**, and **623214** is the 20% darker color. If you saturate the color by 10%, you get **995731**, and if you desaturate by 10%, it is **996B4F**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 996140 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 996140 by changing the saturation by 10% instead.



 996140

 996140

FFFFFF

 7D4929

 D29470

 623214

 EFAF8A

 491C00

 FFCAA5

 2E0700

 FFE6C0

 0B0000

 FFFFDC

 000000

 FFFFF8

 996140

 996140

 995731

 996B4F

 994E21

 99745F

 994412

 997E6E

 993A03

 99887D

 993900

 99918C

 999B9C

 99A4AB

 99AEBA

 99B8CA

# Harmonies

## Analogous

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



A45957



996140



836B34

# Triad

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



996140



087D69



6A69A2

# Complementary

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



996140



407899

# 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.



3473A7



996140



007D86

# Square

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



996140



457A4D



00799D



8E5E8F

# Rectangle

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



996140



717136



00799D



5B6CA5



# Sweetspot

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



996140



C7B2A5



994078



635750



E3E3E3



636363



# Same Dimension

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



996140



C76F3C



998D40



4D4845



8C3400



0D0500



# Inverse Universe

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



407899



3C93C7



404C99



454A4D



00588C

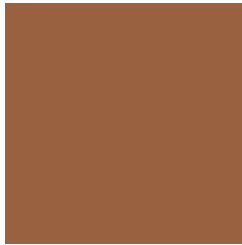


00080D



# Previews

## White Background



This preview shows how the Hex color 996140 looks on a white background.

## Color Contrast Check

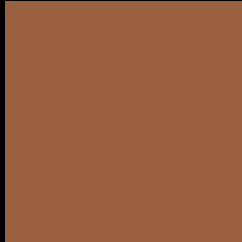
Large Text (above 18pt) WCAG AA ✓ Pass

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 996140 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 996140 Background



This preview shows how black text looks on a background with the Hex color 996140.



This preview shows how white text looks on a background with the Hex color 996140.

# 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**

996140

**Protanopia**

796F45





**Deuteranopia**

876A3E






**Tritanopia**  
9C5D63

# Trichromacy

	<b>Original Color</b> 996140
	<b>Protanomaly</b> 856A43
	<b>Deuteranomaly</b> 8E673F
	<b>Tritanomaly</b> 9B5E56

# Monochromacy

	<b>Original Color</b> 996140
	<b>Achromatopsia</b> 6E6E6E
	<b>Achromatomaly</b> 7E695D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996140 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 #996140 looks like.

```
.text, #text, p{  
    color:#996140  
}
```

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 #996140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996140
}
```

## Border

The CSS property to change the border of an element to Hex 996140 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
#996140 }
```

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

```
.border{ border-color:#996140 }
```

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

Here you see how a box with a 4 pixel #996140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996140; -webkit-box-shadow:4px 4px  
4px 4px #996140; box-shadow:4px 4px 4px  
4px #996140 }
```

# Background

The CSS property to change the background color of an element to Hex 996140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996140 }
```

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

```
.background{ background-color:#996140 }
```

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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