

# Converting Colors

Hex(7D6030)

Have a look what the booklet for  
Hex(7D6030) contains.

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**Color**

**Hex(7D6030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6030
RGB	125, 96, 48
RGB Percent	49%, 38%, 19%
CMY	0.5098, 0.6235, 0.8118
CMYK	0.00, 0.23, 0.62, 0.51
HSL	37°, 45%, 34%
HSV	37°, 62%, 49%
XYZ	13.1738, 12.9391, 4.5995
YIQ	99.1990, 32.6920, -8.7800

# Conversions

## Conversions Part 2

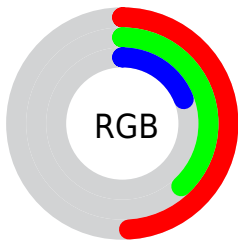
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 125, 48
Decimal	8216624
CIELab	42.67, 5.86, 31.50
CIElCh	43, 32.045, 79.455
Yxy	12.9391, 0.4289, 0.4213
Android (android.graphics.Color)	4286406704 (0xFF7D6030)
YUV	99.1990, -25.2411, 22.6275
Hunter-Lab	35.9710, 2.4237, 17.5985

# Details

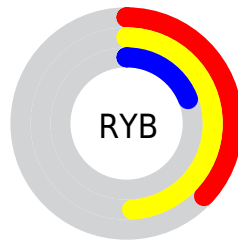
The Hex color **7D6030** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **304D7D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B49260**, and **493201** is the 20% darker color. If you saturate the color by 10%, you get **7D5B24**, and if you desaturate by 10%, it is **7D653D**.

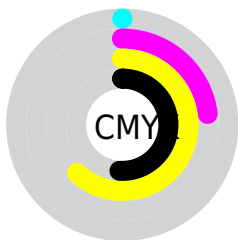
# Distribution



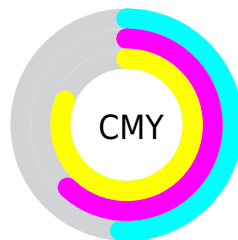
- Red (49%)
- Green (38%)
- Blue (19%)



- Red (37%)
- Yellow (49%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6030 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 7D6030 by changing the saturation by 10% instead.



 7D6030

 7D6030


FFFFFF

 634819

 B49260

 493201

 D0AD79

 311D00

 EDC893

 180500

 FFE4AE

 000000

 FFFFC9

 FFFFEE

 7D6030

 7D6030

 7D5B24

 7D653D

■ 7D5717

■ 7D6949

■ 7D520B

■ 7D6E56

■ 7D4E00

■ 7D7362

■ 7D786E

■ 7D7C7B

■ 7D8188

■ 7D8694

■ 7D8AA1

# Harmonies

## Analogous

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



8F563E



7D6030



646931

# Triad

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



7D6030



007275



7C5787

# Complementary

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



7D6030



304D7D

# 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.



586197



7D6030



00708C

# Square

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



7D6030



19725A



206A98



91506F

# Rectangle

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



7D6030



506D3B



206A98



725B8E



# Sweetspot

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



7D6030



A39886



7D304E



524B40



D1D1D1



525252



# Same Dimension

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



7D6030



A3762A



747D30



403D39



804F00



000000



# Inverse Universe

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



304D7D



2A58A3



39307D



393C40



003080



000000



# Previews

## White Background



This preview shows how the Hex color 7D6030 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

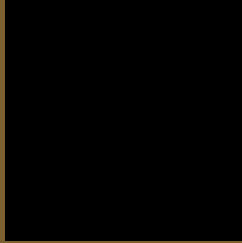
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D6030 Background



This preview shows how black text looks on a background with the Hex color 7D6030.



This preview shows how white text looks on a background with the Hex color 7D6030.

# 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**  
7D6030

**Protanopia**  
706532

**Deuteranopia**  
7D6030



**Tritanopia**  
815B61

# Trichromacy



**Original Color**  
7D6030

**Protanomaly**  
756331

**Deuteranomaly**  
7D6030

**Tritanomaly**  
805D4F

# Monochromacy



**Original Color**  
7D6030

**Achromatopsia**  
636363

**Achromatomaly**  
6C6250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6030 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 #7D6030 looks like.

```
.text, #text, p{  
    color:#7D6030  
}
```

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 #7D6030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6030
}
```

## Border

The CSS property to change the border of an element to Hex 7D6030 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
#7D6030 }
```

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

```
.border{ border-color:#7D6030 }
```

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

Here you see how a box with a 4 pixel #7D6030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6030; -webkit-box-shadow:4px 4px  
4px 4px #7D6030; box-shadow:4px 4px 4px  
4px #7D6030 }
```

# Background

The CSS property to change the background color of an element to Hex 7D6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6030 }
```

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

```
.background{ background-color:#7D6030 }
```

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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