

# Converting Colors

Hex(7D8046)

Have a look what the booklet for  
Hex(7D8046) contains.

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**Color**

**Hex(7D8046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8046
RGB	125, 128, 70
RGB Percent	49%, 50%, 27%
CMY	0.5098, 0.4980, 0.7255
CMYK	0.02, 0.00, 0.45, 0.50
HSL	63°, 29%, 39%
HSV	63°, 45%, 50%
XYZ	17.2821, 20.2405, 8.7903
YIQ	120.4910, 16.8300, -18.6740

# Conversions

## Conversions Part 2

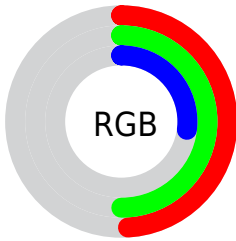
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 128, 73
Decimal	8224838
CIELab	52.11, -10.31, 30.99
CIElCh	52, 32.657, 108.397
Yxy	20.2405, 0.3732, 0.4370
Android (android.graphics.Color)	4286414918 (0xFF7D8046)
YUV	120.4910, -24.8921, 3.9544
Hunter-Lab	44.9895, -10.1631, 19.9082

# Details

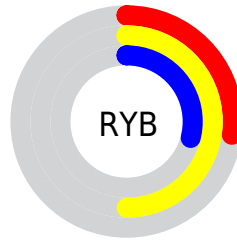
The Hex color **7D8046** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **494680**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B3B578**, and **4A4F18** is the 20% darker color. If you saturate the color by 10%, you get **7C8039**, and if you desaturate by 10%, it is **7E8053**.

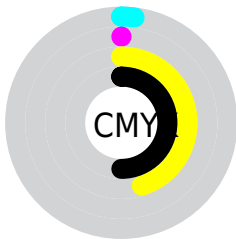
# Distribution



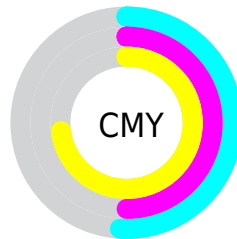
- Red (49%)
- Green (50%)
- Blue (27%)



- Red (27%)
- Yellow (50%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (45%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8046 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 7D8046 by changing the saturation by 10% instead.



 7D8046

 7D8046

FFFFFF

 63672F

 B3B578

 4A4F18

 CFD092

 333800

 EBECAC

 1C2300

 FFFFC8

 000E00

 FFFFE4

 000000

 7D8046

 7D8046

 7C8039

 7E8053

 7C802C

 7E8060

 7B8020

 7F806C

 7A8013

 808079

 7A8006

 808086

 798000

 818093

 8280A0

 8280AC

 8380B9

# Harmonies

## Analogous

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



987745



7D8046



5D8756

# Triad

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



7D8046



0088A5



AB6788

# Complementary

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



7D8046



494680

# 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.



956FA2



7D8046



3C82B3

# Square

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



7D8046



008B8D



6F79B1



B2676C

# Rectangle

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



7D8046



458967



6F79B1



A66991



# Sweetspot

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



7D8046



A5A68F



804946



535446



D4D4D4



545454



# Same Dimension

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



7D8046



A1A64C



608046



3F4039



798000



000000



# Inverse Universe

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



494680



514CA6



664680



3A3940



070080



000000



# Previews

## White Background



This preview shows how the Hex color 7D8046 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

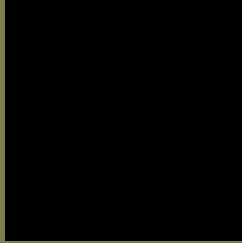
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D8046 Background



This preview shows how black text looks on a background with the Hex color 7D8046.



This preview shows how white text looks on a background with the Hex color 7D8046.

# 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**  
7D8046

**Protanopia**  
897C45

**Deuteranopia**  
977648



**Tritanopia**  
847983

# Trichromacy



**Original Color**  
7D8046

**Protanomaly**  
857D45

**Deuteranomaly**  
8E7A47

**Tritanomaly**  
817C6D

# Monochromacy



**Original Color**  
7D8046

**Achromatopsia**  
787878

**Achromatomaly**  
7A7B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8046 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 #7D8046 looks like.

```
.text, #text, p{  
    color:#7D8046  
}
```

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 #7D8046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8046
}
```

## Border

The CSS property to change the border of an element to Hex 7D8046 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
#7D8046 }
```

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

```
.border{ border-color:#7D8046 }
```

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

Here you see how a box with a 4 pixel #7D8046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8046; -webkit-box-shadow:4px 4px  
4px 4px #7D8046; box-shadow:4px 4px 4px  
4px #7D8046 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8046 }
```

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

```
.background{ background-color:#7D8046 }
```

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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