

# Converting Colors

Hex(7C8046)

Have a look what the booklet for  
Hex(7C8046) contains.

<b>Hex(7C8046)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7C8046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C8046
RGB	124, 128, 70
RGB Percent	49%, 50%, 27%
CMY	0.5137, 0.4980, 0.7255
CMYK	0.03, 0.00, 0.45, 0.50
HSL	64°, 29%, 39%
HSV	64°, 45%, 50%
XYZ	17.1368, 20.1656, 8.7835
YIQ	120.1920, 16.2340, -18.8860

# Conversions

## Conversions Part 2

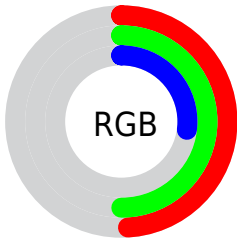
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">70, 128, 74</a>
Decimal	<a href="#">8159302</a>
CIELab	<a href="#">52.02, -10.74, 30.87</a>
CIELCh	<a href="#">52, 32.681, 109.186</a>
Yxy	<a href="#">20.1656, 0.3718, 0.4376</a>
Android (android.graphics.Color)	<a href="#">4286349382 (0xFF7C8046)</a>
YUV	<a href="#">120.1920, -24.7447, 3.3396</a>
Hunter-Lab	<a href="#">44.9062, -10.4676, 19.8374</a>

# Details

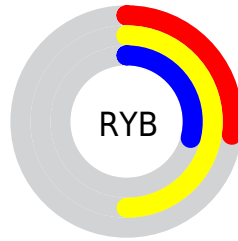
The Hex color **7C8046** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A4680**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B2B578**, and **4A4F18** is the 20% darker color. If you saturate the color by 10%, you get **7B8039**, and if you desaturate by 10%, it is **7D8053**.

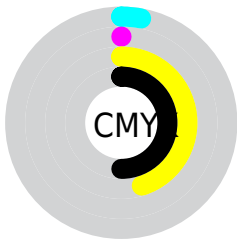
# Distribution



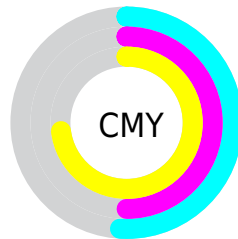
- Red (49%)
- Green (50%)
- Blue (27%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (45%)
- Black (50%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8046 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 7C8046 by changing the saturation by 10% instead.



 7C8046

 7C8046

FFFFFF

 62672F

 B2B578

 4A4F18

 CED092

 323800

 EAECAC

 1B2300

 FFFFC8

 000D00

 FFFFE4

 000000

 7C8046

 7C8046

 7B8039

 7D8053

 7A802C

 7E8060

■ 798020

■ 7F806C

■ 788013

■ 808079

■ 788006

■ 808086

■ 778000

■ 818093

■ 8280A0

■ 8380AC

■ 8480B9

# Harmonies

## Analogous

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



977745



7C8046



5C8756

# Triad

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



7C8046



0088A6



AC6787

# Complementary

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



7C8046



4A4680

# 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.



956EA1



7C8046



3D82B3

# Square

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



7C8046



008B8D



7079B1



B2676B

# Rectangle

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



7C8046



438967



7079B1



A66991



# Sweetspot

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



7C8046



A4A68F



804A46



535446



D4D4D4



545454



# Same Dimension

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



7C8046



A0A64C



5F8046



3F4039



778000



000000



# Inverse Universe

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



4A4680



524CA6



674680



3A3940



090080



000000



# Previews

## White Background



This preview shows how the Hex color 7C8046 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

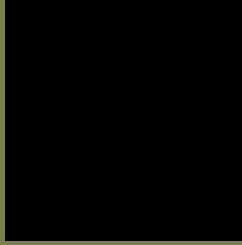
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C8046 Background



This preview shows how black text looks on a background with the Hex color 7C8046.



This preview shows how white text looks on a background with the Hex color 7C8046.

# 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**  
7C8046

**Protanopia**  
887C45

**Deuteranopia**  
977648



**Tritanopia**  
837983

# Trichromacy



**Original Color**  
7C8046

**Protanomaly**  
847D45

**Deuteranomaly**  
8D7A47

**Tritanomaly**  
807C6D

# Monochromacy



**Original Color**  
7C8046

**Achromatopsia**  
787878

**Achromatomaly**  
797B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8046 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 #7C8046 looks like.

```
.text, #text, p{  
    color:#7C8046  
}
```

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 #7C8046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8046
}
```

## Border

The CSS property to change the border of an element to Hex 7C8046 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
#7C8046 }
```

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

```
.border{ border-color:#7C8046 }
```

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

Here you see how a box with a 4 pixel #7C8046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8046; -webkit-box-shadow:4px 4px  
4px 4px #7C8046; box-shadow:4px 4px 4px  
4px #7C8046 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8046 }
```

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

```
.background{ background-color:#7C8046 }
```

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