

Converting Colors

Hex(7C7744)

Have a look what the booklet for
Hex(7C7744) contains.

Hex(7C7744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C7744)

Conversions

Conversions Part 1

Format	Color
Hex	7C7744
RGB	124, 119, 68
RGB Percent	49%, 47%, 27%
CMY	0.5137, 0.5333, 0.7333
CMYK	0.00, 0.04, 0.45, 0.51
HSL	55°, 29%, 38%
HSV	55°, 45%, 49%
XYZ	15.9524, 17.8961, 8.0824
YIQ	114.6810, 19.3510, -14.8010

Conversions

Conversions Part 2

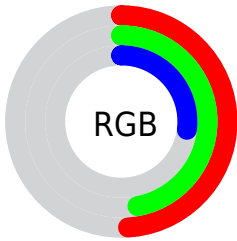
Format	Color
R_{YB}	73, 124, 68
Decimal	8156996
CIE _{Lab}	49.37, -5.96, 28.65
CIE _{LCh}	49, 29.267, 101.757
Yxy	17.8961, 0.3804, 0.4268
Android (android.graphics.Color)	4286347076 (0xFF7C7744)
YUV	114.6810, -23.0137, 8.1728
Hunter-Lab	42.3038, -6.7208, 18.2850

Details

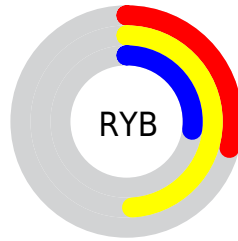
The Hex color **7C7744** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44497C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B2AB75**, and **4A4716** is the 20% darker color. If you saturate the color by 10%, you get **7C7638**, and if you desaturate by 10%, it is **7C7850**.

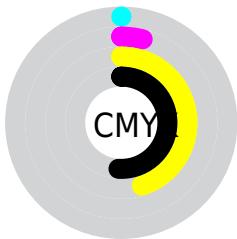
Distribution



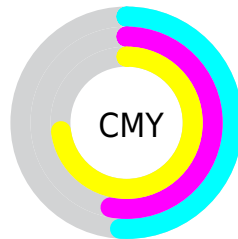
- Red (49%)
- Green (47%)
- Blue (27%)



- Red (29%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7744 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 7C7744 by changing the saturation by 10% instead.



7C7744



7C7744

FFFFFF



625E2D



B2AB75



4A4716



CEC68F



323100



EAE2AA



1B1C00



FFFFC5



000000



FFFFE1

FFFFFFE



7C7744



7C7744



7C7638



7C7850

 7C752B

 7C795D

 7C741F

 7C7A69

 7C7312

 7C7B76

 7C7106

 7C7D82

 7C7100

 7C7E8E

 7C7F9B

 7C80A7

 7C81B4

Harmonies

Analogous

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



936F46



7C7744



617E4F

Triad

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



7C7744



038196



9C6485

Complementary

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



7C7744



44497C

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.



856B9A



7C7744



357CA4

Square

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



7C7744



1B837F



6174A6



A6626C

Rectangle

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



7C7744



4C805D



6174A6



96668D

Sweetspot

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



7C7744



A19F8A



7C444A



525044



D1D1D1



525252

Same Dimension

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



7C7744



A1994A



667C44



3D3D37



7D7200



FCE600

Inverse Universe

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



44497C



4A52A1



5A447C



37383D



000B7D



0017FC

Previews

White Background



This preview shows how the Hex color 7C7744 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

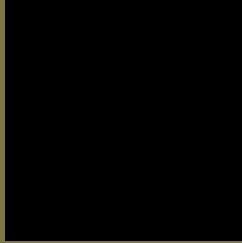
Any Text WCAG AA ✓ Pass

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 7C7744 Background



This preview shows how black text looks on a background with the Hex color 7C7744.



This preview shows how white text looks on a background with the Hex color 7C7744.

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

7C7744

Protanopia

817543

Deuteranopia

8F7046



Tritanopia
82717A

Trichromacy



Original Color
7C7744

Protanomaly
7F7643

Deuteranomaly
887345

Tritanomaly
807366

Monochromacy



Original Color
7C7744

Achromatopsia
737373

Achromatomaly
767462

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7744 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 #7C7744 looks like.

```
.text, #text, p{  
    color:#7C7744  
}
```

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 #7C7744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7744  
}
```

Border

The CSS property to change the border of an element to Hex 7C7744 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  
#7C7744 }
```

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

```
.border{ border-color:#7C7744 }
```

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

Here you see how a box with a 4 pixel #7C7744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7744; -webkit-box-shadow:4px 4px  
4px 4px #7C7744; box-shadow:4px 4px 4px  
4px #7C7744 }
```

Background

The CSS property to change the background color of an element to Hex 7C7744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7744 }
```

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

```
.background{ background-color:#7C7744 }
```

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