

Converting Colors

Hex(764646)

Have a look what the booklet for
Hex(764646) contains.

Hex(764646)	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(764646)

Conversions

Conversions Part 1

Format	Color
Hex	764646
RGB	118, 70, 70
RGB Percent	46%, 27%, 27%
CMY	0.5373, 0.7255, 0.7255
CMYK	0.00, 0.41, 0.41, 0.54
HSL	0°, 26%, 37%
HSV	0°, 41%, 46%
XYZ	10.7669, 8.6741, 6.9011
YIQ	84.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

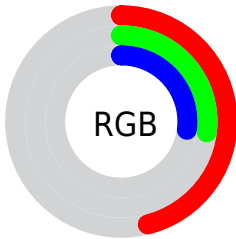
Format	Color
R_{YB}	118, 70, 70
Decimal	7751238
CIE Lab	35.35, 20.60, 8.79
CIE LCh	35, 22.394, 23.115
Yxy	8.6741, 0.4087, 0.3293
Android (android.graphics.Color)	4285941318 (0xFF764646)
YUV	84.3520, -7.0755, 29.5093
Hunter-Lab	29.4518, 13.7147, 6.7234

Details

The Hex color **764646** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467676**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AC7776**, and **43191B** is the 20% darker color. If you saturate the color by 10%, you get **763A3A**, and if you desaturate by 10%, it is **765252**.

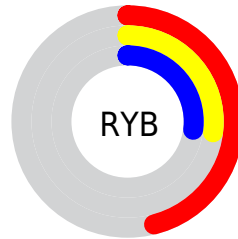
Distribution



Red (46%)

Green (27%)

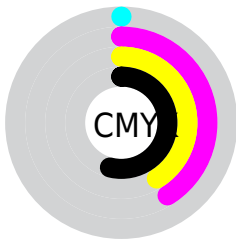
Blue (27%)



Red (46%)

Yellow (27%)

Blue (27%)

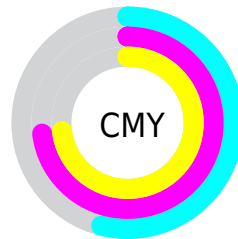


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764646 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 764646 by changing the saturation by 10% instead.

 764646

 764646

FFFFFF

 5C2F30

 AC7776

 43191B

 C89190

 2D0200

 E4ACAA

 010000

 FFC7C6

 000000

 FFE3E2

FFFFFFE

 764646

 764646

 763A3A

 765252

 762E2E

 765E5E

 762323

 766969

 761717

 767575

 760B0B

 768181

 760000

 768D8D

 769999

 76A4A4

 76B0B0

Harmonies

Analogous

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



734658



764646



704A37

Triad

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



764646



3C5A3D



325676

Complementary

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



764646



467676

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.



125A6F



764646



255C4E

Square

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



764646



515632



0B5D61



4F5074

Rectangle

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



764646



684F31



0B5D61



275875

Sweetspot

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



764646



998787



764676



4D4242



CCCCCC



4D4D4D

Same Dimension

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



764646



994E4E



765E46



3B3535



7A0000



FA0000

Inverse Universe

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



467676



4E9999



465E76



353B3B



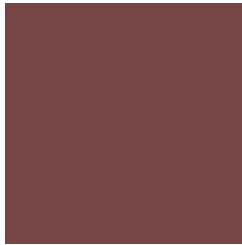
007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 764646 looks on a white background.

Color Contrast Check

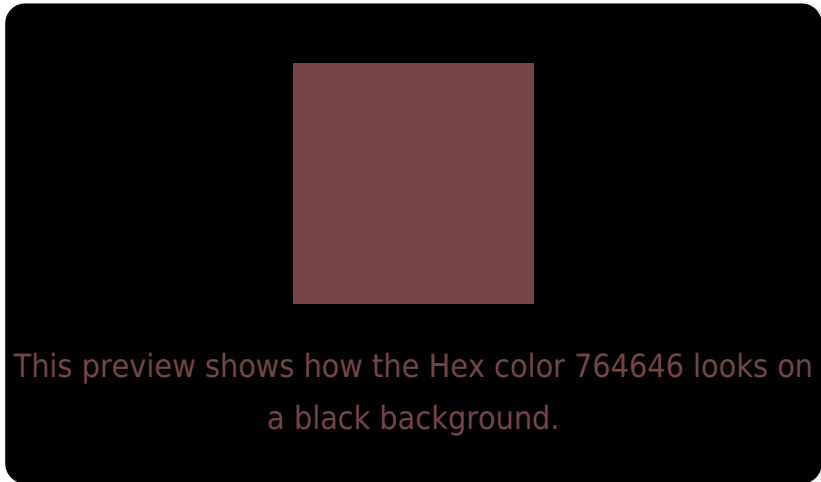
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

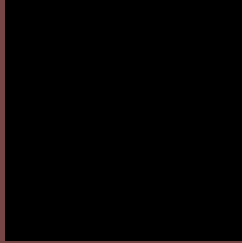
Any Text WCAG AA × Fail

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 764646 Background



This preview shows how black text looks on a background with the Hex color 764646.



This preview shows how white text looks on a background with the Hex color 764646.

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


764646

Protanopia

57534D

Deuteranopia

615044



Tritanopia
76454A

Trichromacy



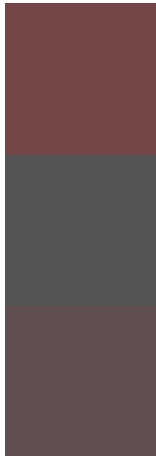
Original Color
764646

Protanomaly
624E4A

Deuteranomaly
694C45

Tritanomaly
764549

Monochromacy



Original Color
764646

Achromatopsia
545454

Achromatomaly
604F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 764646 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 #764646 looks like.

```
.text, #text, p{  
    color:#764646  
}
```

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 #764646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764646
}
```

Border

The CSS property to change the border of an element to Hex 764646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

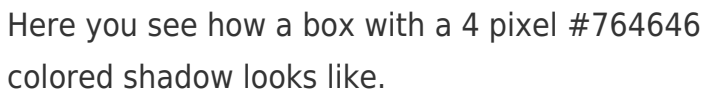
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764646 }
```

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

```
.border{ border-color:#764646 }
```

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



Here you see how a box with a 4 pixel #764646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764646; -webkit-box-shadow:4px 4px  
4px 4px #764646; box-shadow:4px 4px 4px  
4px #764646 }
```

Background

The CSS property to change the background color of an element to Hex 764646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764646 }
```

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

```
.background{ background-color:#764646 }
```

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