

# Converting Colors

Hex(774647)

Have a look what the booklet for  
Hex(774647) contains.

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# Color

**Hex(774647)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774647
RGB	119, 70, 71
RGB Percent	47%, 27%, 28%
CMY	0.5333, 0.7255, 0.7216
CMYK	0.00, 0.41, 0.40, 0.53
HSL	359°, 26%, 37%
HSV	359°, 41%, 47%
XYZ	10.9352, 8.7572, 7.0752
YIQ	84.7650, 28.8830, 10.6990

# Conversions

## Conversions Part 2

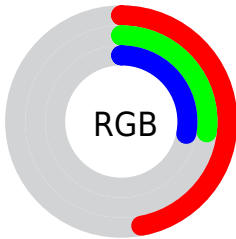
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 70, 71
Decimal	7816775
CIE <sub>Lab</sub>	35.51, 21.15, 8.41
CIE <sub>LCh</sub>	36, 22.757, 21.685
Yxy	8.7572, 0.4085, 0.3272
Android (android.graphics.Color)	4286006855 (0xFF774647)
YUV	84.7650, -6.7861, 30.0241
Hunter-Lab	29.5925, 14.1736, 6.5393

# Details

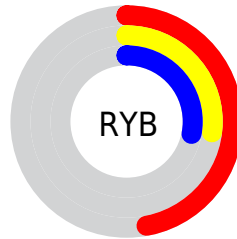
The Hex color **774647** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467776**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AD7777**, and **44191C** is the 20% darker color. If you saturate the color by 10%, you get **773A3B**, and if you desaturate by 10%, it is **775253**.

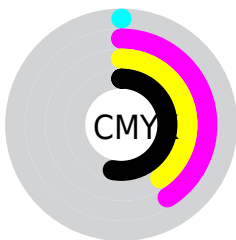
# Distribution



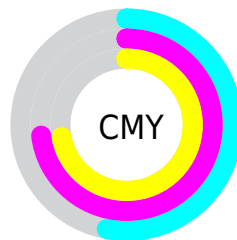
- Red (47%)
- Green (27%)
- Blue (28%)



- Red (47%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 774647 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 774647 by changing the saturation by 10% instead.



 774647

 774647

FFFFFF

 5D2F31

 AD7777

 44191C

 C99191

 2D0201

 E6ACAB

 050000

 FFC7C7

 000000

 FFE3E3

 774647

 774647

 773A3B

 775253

 772E30

 775E5E

 772224

 776A6A

 771618

 777676

 770B0D

 778281

 770002

 778D8D

 779999

 77A5A4

 77B1B0

# Harmonies

## Analogous

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



734659



774647



714A38

# Triad

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



774647



3D5B3C



305777

# Complementary

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



774647



467776

# 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.



0E5B70



774647



255D4E

# Square

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



774647



525731



095D60



4E5175

# Rectangle

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



774647



694F31



095D60



255976



# Sweetspot

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



774647



9C8989



754677



4F4444



CFCFCF



4F4F4F



# Same Dimension

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



774647



9C4F51



775D46



3B3535



7A0002



FA0005



# Inverse Universe

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



774647



9C4F51



466077



3B3535



7A0002



FA0005



# Previews

## White Background



This preview shows how the Hex color 774647 looks on a white background.

## Color Contrast Check

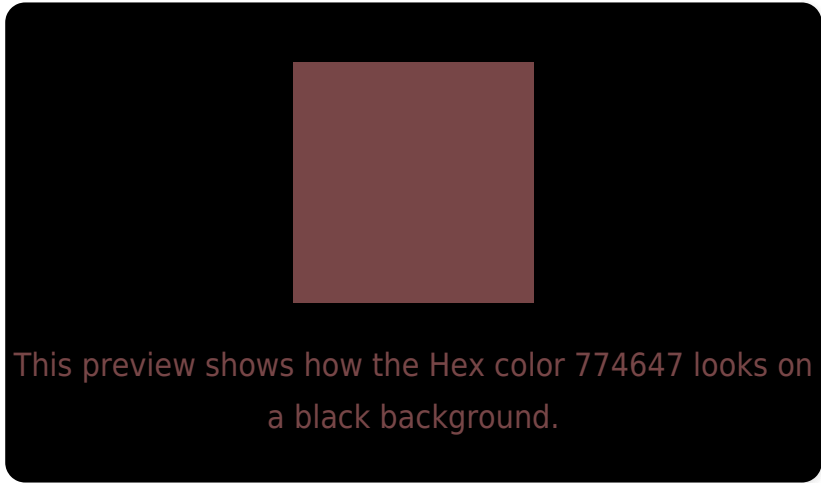
Large Text (above 18pt) WCAG AA ✓ Pass

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 774647 Background



This preview shows how black text looks on a background with the Hex color 774647.



This preview shows how white text looks on a background with the Hex color 774647.

# 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**

774647

**Protanopia**

57544E

**Deuteranopia**

615145



**Tritanopia**  
77454B

# Trichromacy



**Original Color**

774647

**Protanomaly**

634F4B

**Deuteranomaly**

694D46

**Tritanomaly**

77454A

# Monochromacy



**Original Color**

774647

**Achromatopsia**

555555

**Achromatomaly**

615050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 774647 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 #774647 looks like.

```
.text, #text, p{  
    color:#774647  
}
```

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 #774647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774647
}
```

## Border

The CSS property to change the border of an element to Hex 774647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

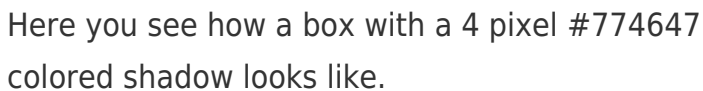
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774647 }
```

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

```
.border{ border-color:#774647 }
```

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



Here you see how a box with a 4 pixel #774647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774647; -webkit-box-shadow:4px 4px  
4px 4px #774647; box-shadow:4px 4px 4px  
4px #774647 }
```

# Background

The CSS property to change the background color of an element to Hex 774647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774647 }
```

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

```
.background{ background-color:#774647 }
```

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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