

Converting Colors

Hex(7F7631)

Have a look what the booklet for
Hex(7F7631) contains.

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Color

Hex(7F7631)

Conversions

Conversions Part 1

Format	Color
Hex	7F7631
RGB	127, 118, 49
RGB Percent	50%, 46%, 19%
CMY	0.5020, 0.5373, 0.8078
CMYK	0.00, 0.07, 0.61, 0.50
HSL	53°, 44%, 35%
HSV	53°, 61%, 50%
XYZ	15.7852, 17.6906, 5.4884
YIQ	112.8250, 27.5130, -19.5510

Conversions

Conversions Part 2

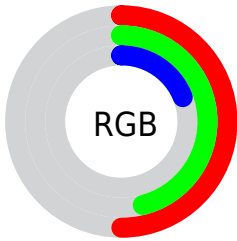
Format	Color
R_{YB}	59, 127, 49
Decimal	8353329
CIE _{Lab}	49.12, -5.85, 38.39
CIE _{LCh}	49, 38.837, 98.660
Yxy	17.6906, 0.4051, 0.4540
Android (android.graphics.Color)	4286543409 (0xFF7F7631)
YUV	112.8250, -31.4657, 12.4315
Hunter-Lab	42.0602, -6.6144, 21.7055

Details

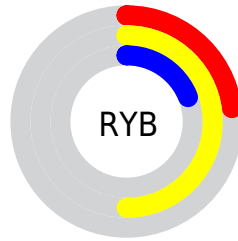
The Hex color **7F7631** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **313A7F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B6AA62**, and **4B4600** is the 20% darker color. If you saturate the color by 10%, you get **7F7524**, and if you desaturate by 10%, it is **7F773E**.

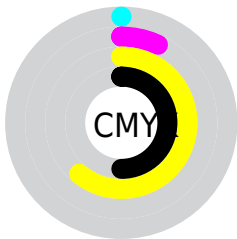
Distribution



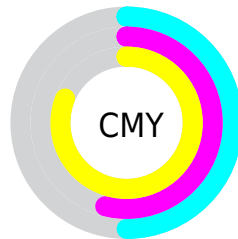
- Red (50%)
- Green (46%)
- Blue (19%)



- Red (23%)
- Yellow (50%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (61%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7631 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 7F7631 by changing the saturation by 10% instead.

 7F7631

 7F7631

FFFFFF

 655D19

 B6AA62

 4B4600

 D2C57C

 333000

 EFE196

 1B1B00

 FFFEB1

 000000

 FFFFCD

 FFFF E9

 7F7631

 7F7631

 7F7524

 7F773E

■ 7F7318

■ 7F794A

■ 7F720B

■ 7F7A57

■ 7F7000

■ 7F7C64

■ 7F7D71

■ 7F7F7D

■ 7F808A

■ 7F8297

■ 7F83A3

Harmonies

Analogous

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



9B6A37



7F7631



5C7F3F

Triad

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



7F7631



00849D



A55D8D

Complementary

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



7F7631



313A7F

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.



8468A8



7F7631



007FB2

Square

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



7F7631



00857E



4E75B6



B2596C

Rectangle

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



7F7631



3E8251



4E75B6



9C6097

Sweetspot

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



7F7631



A6A288



7F313A



545242



D4D4D4



545454

Same Dimension

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



7F7631



A6982B



617F31



403F39



807100



000000

Inverse Universe

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



313A7F



2B39A6



4F317F



393A40



000F80



000000

Previews

White Background



This preview shows how the Hex color 7F7631 looks on a white background.

Color Contrast Check

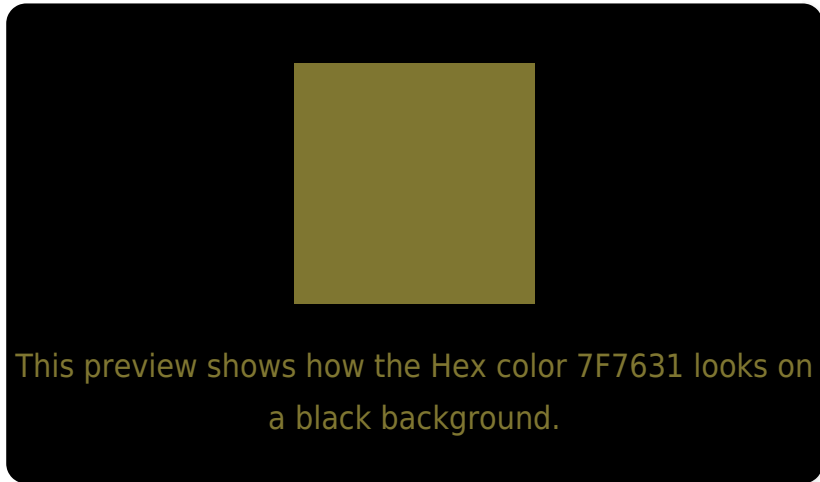
Large Text (above 18pt) WCAG AA ✓ Pass

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

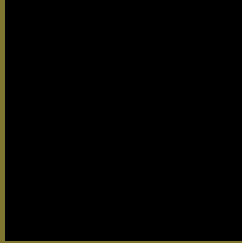
Any Text WCAG AA ✓ Pass

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 7F7631 Background



This preview shows how black text looks on a background with the Hex color 7F7631.



This preview shows how white text looks on a background with the Hex color 7F7631.

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
7F7631

Protanopia
827531

Deuteranopia
916F33



Tritanopia
856F77

Trichromacy



Original Color
7F7631

Protanomaly
817531

Deuteranomaly
8A7232

Tritanomaly
83725E

Monochromacy



Original Color
7F7631

Achromatopsia
717171

Achromatomaly
76735A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7631 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 #7F7631 looks like.

```
.text, #text, p{  
    color:#7F7631  
}
```

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 #7F7631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7631
}
```

Border

The CSS property to change the border of an element to Hex 7F7631 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
#7F7631 }
```

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

```
.border{ border-color:#7F7631 }
```

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

Here you see how a box with a 4 pixel #7F7631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7631; -webkit-box-shadow:4px 4px  
4px 4px #7F7631; box-shadow:4px 4px 4px  
4px #7F7631 }
```

Background

The CSS property to change the background color of an element to Hex 7F7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7631 }
```

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

```
.background{ background-color:#7F7631 }
```

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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