

# Converting Colors

Hex(7C6431)

Have a look what the booklet for  
Hex(7C6431) contains.

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**Color**

**Hex(7C6431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C6431
RGB	124, 100, 49
RGB Percent	49%, 39%, 19%
CMY	0.5137, 0.6078, 0.8078
CMYK	0.00, 0.19, 0.60, 0.51
HSL	41°, 43%, 34%
HSV	41°, 60%, 49%
XYZ	13.4237, 13.6212, 4.8274
YIQ	101.3620, 30.6750, -10.7730

# Conversions

## Conversions Part 2

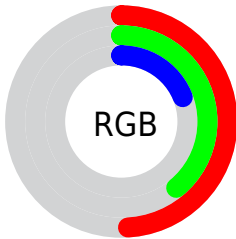
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 124, 49
Decimal	8152113
CIE Lab	43.68, 3.12, 32.12
CIE LCh	44, 32.270, 84.447
Yxy	13.6212, 0.4212, 0.4274
Android (android.graphics.Color)	4286342193 (0xFF7C6431)
YUV	101.3620, -25.8145, 19.8535
Hunter-Lab	36.9069, 0.3368, 18.0798

# Details

The Hex color **7C6431** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **31497C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B39761**, and **483602** is the 20% darker color. If you saturate the color by 10%, you get **7C6025**, and if you desaturate by 10%, it is **7C683D**.

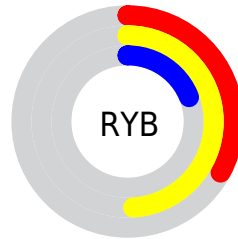
# Distribution



Red (49%)

Green (39%)

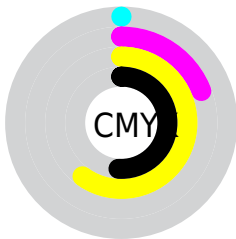
Blue (19%)



Red (33%)

Yellow (49%)

Blue (19%)

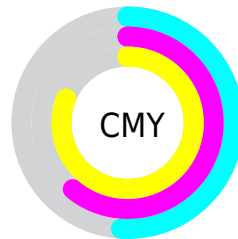


Cyan (0%)

Magenta (19%)

Yellow (60%)

Black (51%)



Cyan (51%)

Magenta (61%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6431 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 7C6431 by changing the saturation by 10% instead.



 7C6431

 7C6431

FFFFFF

 624C1A

 B39761

 483602

 CFB17A

 302100

 ECCD94

 170A00

 FFE9AF

 000000

 FFFFCE

 FFFFEE

 7C6431

 7C6431

 7C6025

 7C683D

 7C5C18

 7C6C4A

 7C580C

 7C7056

 7C5400

 7C7463

 7C786F

 7C7C7B

 7C8088

 7C8494

 7C88A1

# Harmonies

## Analogous

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



905A3C



7C6431



626C35

# Triad

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



7C6431



00757C



845887

# Complementary

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



7C6431



31497C

# 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.



626298



7C6431



007292

# Square

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



7C6431



0E7561



2F6B9C



96526D

# Rectangle

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



7C6431



4D7040



2F6B9C



7A5B8E



# Sweetspot

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



7C6431



A19784



7C314A



524C40



D1D1D1



525252



# Same Dimension

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



7C6431



A17B2B



707C31



3D3B37



7D5500



FCAC00



# Inverse Universe

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



31497C



2B51A1



3D317C



37393D



00287D



0051FC



# Previews

## White Background



This preview shows how the Hex color 7C6431 looks on a white background.

## Color Contrast Check

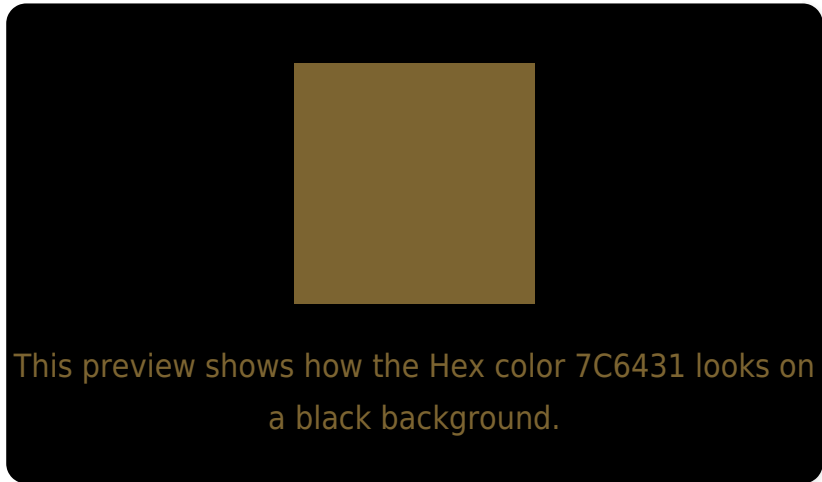
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

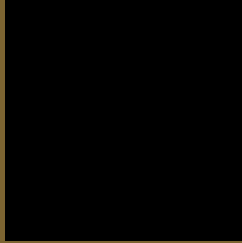
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C6431 Background



This preview shows how black text looks on a background with the Hex color 7C6431.



This preview shows how white text looks on a background with the Hex color 7C6431.

# 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**  
7C6431

**Protanopia**  
736832

**Deuteranopia**  
806231



**Tritanopia**  
805E65

# Trichromacy



**Original Color**  
7C6431

**Protanomaly**  
766732

**Deuteranomaly**  
7F6331

**Tritanomaly**  
7F6052

# Monochromacy



**Original Color**  
7C6431

**Achromatopsia**  
656565

**Achromatomaly**  
6D6552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6431 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 #7C6431 looks like.

```
.text, #text, p{  
    color:#7C6431  
}
```

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 #7C6431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6431
}
```

## Border

The CSS property to change the border of an element to Hex 7C6431 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
#7C6431 }
```

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

```
.border{ border-color:#7C6431 }
```

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

Here you see how a box with a 4 pixel #7C6431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6431; -webkit-box-shadow:4px 4px  
4px 4px #7C6431; box-shadow:4px 4px 4px  
4px #7C6431 }
```

# Background

The CSS property to change the background color of an element to Hex 7C6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6431 }
```

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

```
.background{ background-color:#7C6431 }
```

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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