

# Converting Colors

Hex(7A4127)

Have a look what the booklet for  
Hex(7A4127) contains.

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**Color**

**Hex(7A4127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A4127
RGB	122, 65, 39
RGB Percent	48%, 25%, 15%
CMY	0.5216, 0.7451, 0.8471
CMYK	0.00, 0.47, 0.68, 0.52
HSL	19°, 52%, 32%
HSV	19°, 68%, 48%
XYZ	10.2825, 8.0647, 2.9341
YIQ	79.0790, 42.3180, 3.9980

# Conversions

## Conversions Part 2

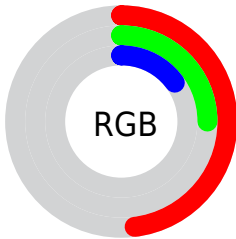
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 77, 39
Decimal	8012071
CIE <sub>Lab</sub>	34.12, 22.22, 26.45
CIE <sub>LCh</sub>	34, 34.545, 49.961
Yxy	8.0647, 0.4832, 0.3790
Android (android.graphics.Color)	4286202151 (0xFF7A4127)
YUV	79.0790, -19.7589, 37.6417
Hunter-Lab	28.3983, 14.9347, 13.7529

# Details

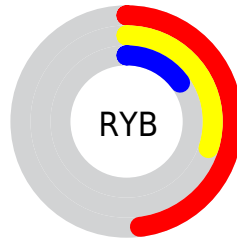
The Hex color **7A4127** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **27607A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B27255**, and **451400** is the 20% darker color. If you saturate the color by 10%, you get **7A391B**, and if you desaturate by 10%, it is **7A4933**.

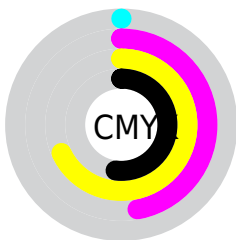
# Distribution



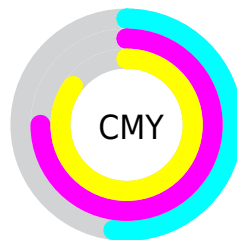
- Red (48%)
- Green (25%)
- Blue (15%)



- Red (48%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (68%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4127 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 7A4127 by changing the saturation by 10% instead.



 7A4127

 7A4127

FFFFFF

 5F2A12

 B27255

 451400

 CF8B6D

 2C0000

 ECA687

 000000

 FFC1A1

 FFDDBC

 FFFAD8

 FFFFF5

 7A4127

 7A4127

 7A391B

 7A4933

 7A300F

 7A523F

 7A2802

 7A5A4C

 7A2600

 7A6358

 7A6B64

 7A7370

 7A7C7C

 7A8489

 7A8C95

# Harmonies

## Analogous

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



83393F



7A4127



674C18

# Triad

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



7A4127



005D46



414D84

# Complementary

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



7A4127



27607A

# 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.



005686



7A4127



005E62

# Square

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



7A4127



2D5A2B



005B7A



694174

# Rectangle

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



7A4127



575216



005B7A



2E5086



# Sweetspot

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



7A4127



9E887E



7A2761



4F423C



CFCFCF



4F4F4F



# Same Dimension

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



7A4127



9E451C



7A6927



3D3937



7D2700



FC4F00



# Inverse Universe

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



27607A



1C759E



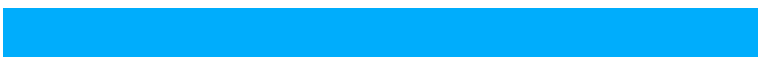
27387A



373B3D



00567D



00ADFC



# Previews

## White Background



This preview shows how the Hex color 7A4127 looks on a white background.

## Color Contrast Check

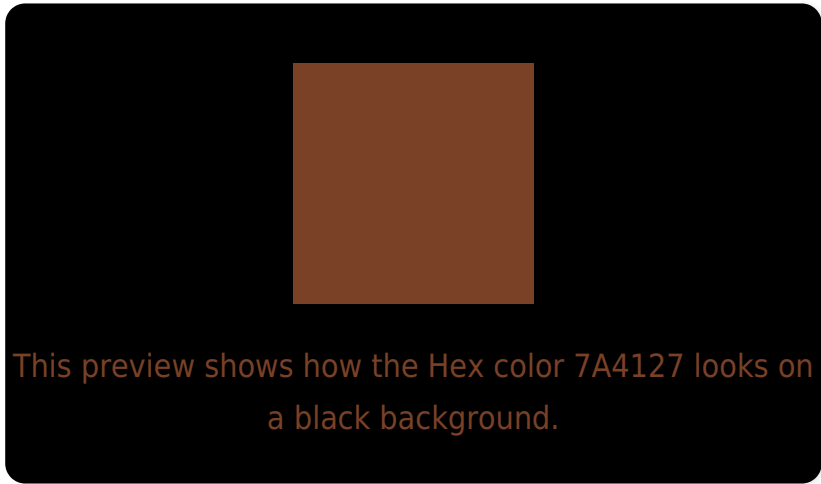
Large Text (above 18pt) WCAG AA ✓ Pass

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

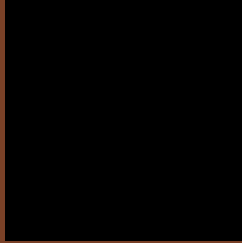
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4127 Background



This preview shows how black text looks on a background with the Hex color 7A4127.



This preview shows how white text looks on a background with the Hex color 7A4127.

# 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**  
7A4127

**Protanopia**  
59512C

**Deuteranopia**  
644D24



**Tritanopia**  
7C3E42

# Trichromacy



**Original Color**

7A4127

**Protanomaly**

654B2A

**Deuteranomaly**

6C4925

**Tritanomaly**

7B3F38

# Monochromacy



**Original Color**

7A4127

**Achromatopsia**

4F4F4F

**Achromatomaly**

5F4A40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4127 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 #7A4127 looks like.

```
.text, #text, p{  
    color:#7A4127  
}
```

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 #7A4127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4127
}
```

## Border

The CSS property to change the border of an element to Hex 7A4127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

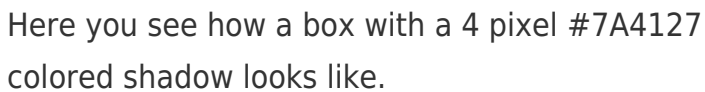
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4127 }
```

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

```
.border{ border-color:#7A4127 }
```

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



Here you see how a box with a 4 pixel #7A4127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4127; -webkit-box-shadow:4px 4px  
4px 4px #7A4127; box-shadow:4px 4px 4px  
4px #7A4127 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4127 }
```

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

```
.background{ background-color:#7A4127 }
```

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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