

# Converting Colors

Hex(7A7527)

Have a look what the booklet for  
Hex(7A7527) contains.

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**Color**

**Hex(7A7527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7527
RGB	122, 117, 39
RGB Percent	48%, 46%, 15%
CMY	0.5216, 0.5412, 0.8471
CMYK	0.00, 0.04, 0.68, 0.52
HSL	56°, 52%, 32%
HSV	56°, 68%, 48%
XYZ	14.7535, 17.0066, 4.4245
YIQ	109.6030, 28.0180, -23.1980

# Conversions

## Conversions Part 2

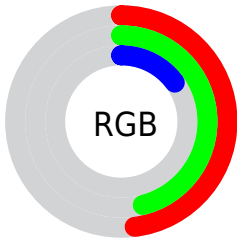
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 122, 39
Decimal	8025383
CIELab	48.27, -8.31, 42.05
CIELCh	48, 42.861, 101.173
Yxy	17.0066, 0.4077, 0.4700
Android (android.graphics.Color)	4286215463 (0xFF7A7527)
YUV	109.6030, -34.8073, 10.8722
Hunter-Lab	41.2391, -8.3090, 22.5063

# Details

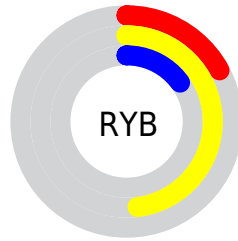
The Hex color **7A7527** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **272C7A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B1A959**, and **464500** is the 20% darker color. If you saturate the color by 10%, you get **7A741B**, and if you desaturate by 10%, it is **7A7633**.

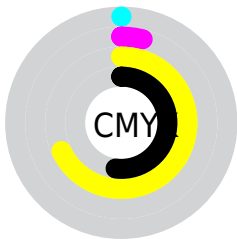
# Distribution



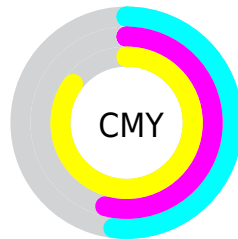
- Red (48%)
- Green (46%)
- Blue (15%)



- Red (17%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (4%)
- Yellow (68%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7527 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 7A7527 by changing the saturation by 10% instead.





7A7527



7A7527

FFFFFF



605C0C



B1A959



464500



CDC472



2E2F00



EAE08C



151B00



FFFCA7



000000



FFFFC3



FFFFDF



FFFFFC



7A7527



7A7527

■ 7A741B

■ 7A7633

■ 7A740F

■ 7A763F

■ 7A7302

■ 7A774C

■ 7A7300

■ 7A7858

■ 7A7964

■ 7A7970

■ 7A7A7C

■ 7A7B89

■ 7A7C95

# Harmonies

## Analogous

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



9A682C



7A7527



527E39

# Triad

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



7A7527



0083A1



A9568B

# Complementary

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



7A7527



272C7A

# 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.



8763A9



7A7527



007DB7

# Square

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



7A7527



00857F



4A72BA



B65366

# Rectangle

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



7A7527



2E824E



4A72BA



A05A96



# Sweetspot

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



7A7527



9E9C7E



7A272D



4F4E3C



CFCFCF



4F4F4F



# Same Dimension

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



7A7527



9E961C



567A27



3D3D37



7D7500



FCED00



# Inverse Universe

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



272C7A



1C249E



4B277A



37373D



00087D



000FFC



# Previews

## White Background



This preview shows how the Hex color 7A7527 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

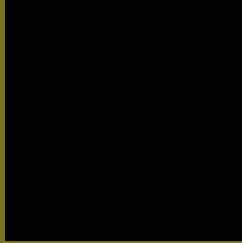
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A7527 Background



This preview shows how black text looks on a background with the Hex color 7A7527.



This preview shows how white text looks on a background with the Hex color 7A7527.

# 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**

7A7527

**Protanopia**

807326

**Deuteranopia**

8F6D2A



**Tritanopia**  
816D76

# Trichromacy



**Original Color**  
7A7527

**Protanomaly**  
7E7426

**Deuteranomaly**  
877029

**Tritanomaly**  
7E7059

# Monochromacy



**Original Color**  
7A7527

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
727154

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7527 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 #7A7527 looks like.

```
.text, #text, p{  
    color:#7A7527  
}
```

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 #7A7527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7527
}
```

## Border

The CSS property to change the border of an element to Hex 7A7527 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
#7A7527 }
```

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

```
.border{ border-color:#7A7527 }
```

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

Here you see how a box with a 4 pixel #7A7527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7527; -webkit-box-shadow:4px 4px  
4px 4px #7A7527; box-shadow:4px 4px 4px  
4px #7A7527 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7527 }
```

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

```
.background{ background-color:#7A7527 }
```

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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