

Converting Colors

Hex(7A7A30)

Have a look what the booklet for
Hex(7A7A30) contains.

Hex(7A7A30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A7A30)

Conversions

Conversions Part 1

Format	Color
Hex	7A7A30
RGB	122, 122, 48
RGB Percent	48%, 48%, 19%
CMY	0.5216, 0.5216, 0.8118
CMYK	0.00, 0.00, 0.61, 0.52
HSL	60°, 44%, 33%
HSV	60°, 61%, 48%
XYZ	15.5191, 18.2700, 5.5048
YIQ	113.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

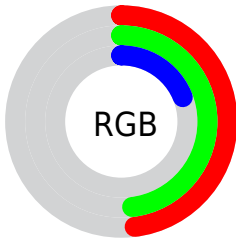
Format	Color
R _Y B	48, 122, 48
Decimal	8026672
CIE Lab	49.82, -10.43, 39.53
CIE LCh	50, 40.886, 104.783
Yxy	18.2700, 0.3949, 0.4650
Android (android.graphics.Color)	4286216752 (0xFF7A7A30)
YUV	113.5640, -32.3231, 7.3984
Hunter-Lab	42.7435, -9.9922, 22.2846

Details

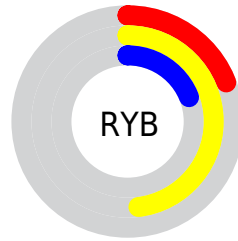
The Hex color **7A7A30** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **30307A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B0AE61**, and **474A00** is the 20% darker color. If you saturate the color by 10%, you get **7A7A24**, and if you desaturate by 10%, it is **7A7A3C**.

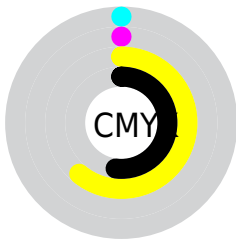
Distribution



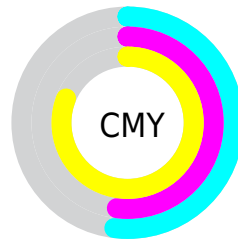
- Red (48%)
- Green (48%)
- Blue (19%)



- Red (19%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7A30 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 7A7A30 by changing the saturation by 10% instead.



7A7A30



7A7A30

FFFFFF



606117



B0AE61



474A00



CCA7B



2F3300



E9E695



161E00



FFFB1



000000



FFFCC



FFF9



7A7A30



7A7A30



7A7A24



7A7A3C

■ 7A7A18

■ 7A7A48

■ 7A7A0B

■ 7A7A55

■ 7A7A00

■ 7A7A61

■ 7A7A6D

■ 7A7A79

■ 7A7A85

■ 7A7A92

■ 7A7A9E

Harmonies

Analogous

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



996E32



7A7A30



538243

Triad

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



7A7A30



0086A7



AE5B8A

Complementary

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



7A7A30



30307A

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.



8F66A8



7A7A30



007FB9

Square

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



7A7A30



008887



5A74BA



B85967

Rectangle

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



7A7A30



308658



5A74BA



A65E95

Sweetspot

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



7A7A30



9E9E82



7A3030



4F4F3E



CFCFCF



4F4F4F

Same Dimension

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



7A7A30



9E9E2B



557A30



3D3D37



7D7D00



FCFC00

Inverse Universe

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



30307A



2B2B9E



55307A



37373D



00007D



0000FC

Previews

White Background



This preview shows how the Hex color 7A7A30 looks on a white background.

Color Contrast Check

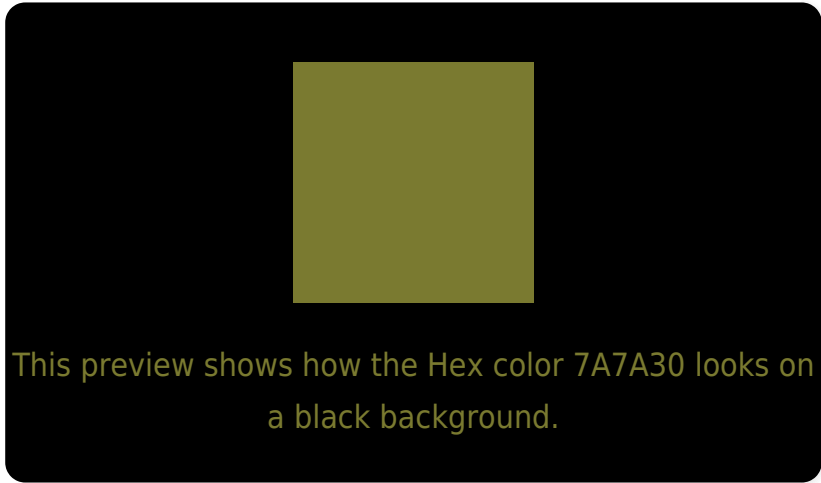
Large Text (above 18pt) WCAG AA ✓ Pass

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

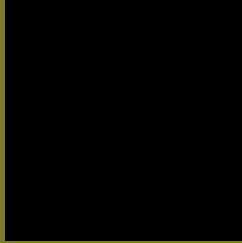
Any Text WCAG AA ✓ Pass

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 7A7A30 Background



This preview shows how black text looks on a background with the Hex color 7A7A30.



This preview shows how white text looks on a background with the Hex color 7A7A30.

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
7A7A30

Protanopia
84772F

Deuteranopia
937133



Tritanopia
81727B

Trichromacy



Original Color
7A7A30

Protanomaly
80782F

Deuteranomaly
8A7432

Tritanomaly
7E7560

Monochromacy



Original Color
7A7A30

Achromatopsia
727272

Achromatomaly
75755A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7A30 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 #7A7A30 looks like.

```
.text, #text, p{  
    color:#7A7A30  
}
```

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 #7A7A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7A30
}
```

Border

The CSS property to change the border of an element to Hex 7A7A30 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
#7A7A30 }
```

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

```
.border{ border-color:#7A7A30 }
```

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

Here you see how a box with a 4 pixel #7A7A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7A30; -webkit-box-shadow:4px 4px  
4px 4px #7A7A30; box-shadow:4px 4px 4px  
4px #7A7A30 }
```

Background

The CSS property to change the background color of an element to Hex 7A7A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7A30 }
```

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

```
.background{ background-color:#7A7A30 }
```

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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