

# Converting Colors

Hex(7D7200)

Have a look what the booklet for  
Hex(7D7200) contains.

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**Color**

**Hex(7D7200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7200
RGB	125, 114, 0
RGB Percent	49%, 45%, 0%
CMY	0.5098, 0.5529, 1.0000
CMYK	0.00, 0.09, 1.00, 0.51
HSL	55°, 100%, 25%
HSV	55°, 100%, 49%
XYZ	14.4748, 16.3946, 2.4016
YIQ	104.2930, 43.1500, -33.1220

# Conversions

## Conversions Part 2

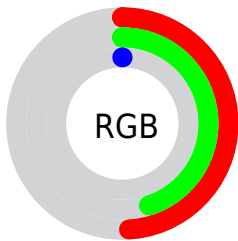
Format	Color
<a href="#">RYB</a>	12, 125, 0
Decimal	8221184
CIELab	47.49, -6.65, 53.37
CIElCh	47, 53.785, 97.097
Yxy	16.3946, 0.4351, 0.4928
Android (android.graphics.Color)	4286411264 (0xFF7D7200)
YUV	104.2930, -51.4164, 18.1600
Hunter-Lab	40.4902, -7.0464, 24.8265

# Details

The Hex color **7D7200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000B7D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B5A63F**, and **484200** is the 20% darker color. If you saturate the color by 10%, you get **7D7200**, and if you desaturate by 10%, it is **7D730C**.

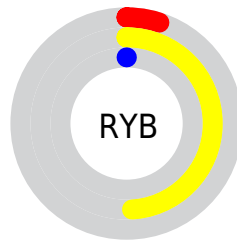
# Distribution



Red (49%)

Green (45%)

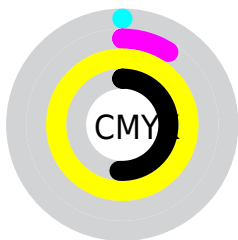
Blue (0%)



Red (5%)

Yellow (49%)

Blue (0%)

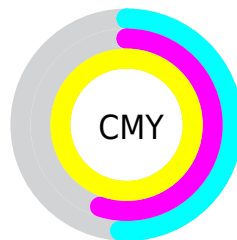


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7200 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 7D7200 by changing the saturation by 10% instead.



 7D7200

 7D7200

FFFFFF

 625A00

 B5A63F

 484200

 D2C159

 2E2D00

 EFDC73

 151900

 FFF98E

 000000

 FFFFAA

 FFFFC6

 FFFFEE

 7D7200

 7D730C

 7D7419

 7D7526

 7D7632

 7D773F

 7D794B

 7D7A57

 7D7B64

 7D7C71

# Harmonies

## Analogous

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



A26117



7D7200



4D7D21

# Triad

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



7D7200



0085A6



AF4C95

# Complementary

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



7D7200



000B7D

# 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.



8060B9



7D7200



007FC4

# Square

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



7D7200



00867A



0072CB



C14368

# Rectangle

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



7D7200



14823D



0072CB



A352A3



# Sweetspot

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



7D7200



A39F72



7D000D



524F34



D1D1D1



525252



# Same Dimension

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



7D7200



A39500



4B7D00



403F39



807400



000000



# Inverse Universe

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



000B7D



000EA3



32007D



393A40



000B80



000000



# Previews

## White Background



This preview shows how the Hex color 7D7200 looks on a white background.

## Color Contrast Check

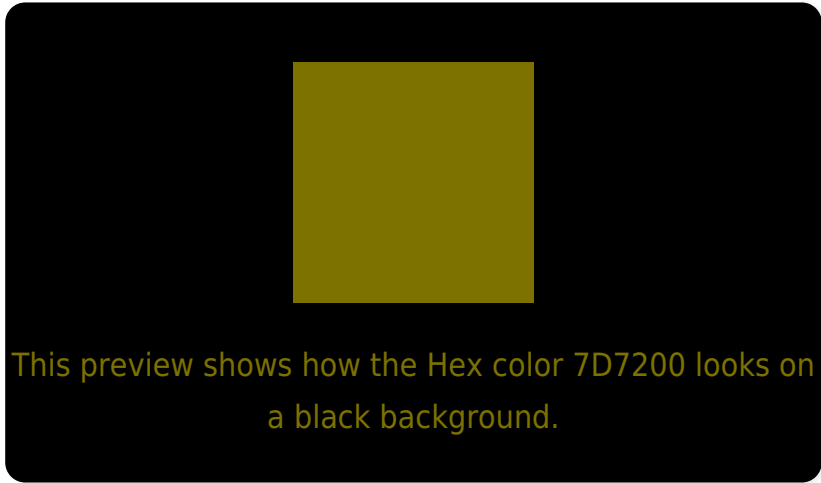
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D7200 Background



This preview shows how black text looks on a background with the Hex color 7D7200.



This preview shows how white text looks on a background with the Hex color 7D7200.

# 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**  
7D7200

**Protanopia**  
7F7100

**Deuteranopia**  
8F6B0F



**Tritanopia**  
846A72

# Trichromacy



**Original Color**  
7D7200

**Protanomaly**  
7E7100

**Deuteranomaly**  
886E0A

**Tritanomaly**  
816D49

# Monochromacy



**Original Color**  
7D7200

**Achromatopsia**  
686868

**Achromatomaly**  
706C42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7200 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 #7D7200 looks like.

```
.text, #text, p{  
    color:#7D7200  
}
```

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 #7D7200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7200
}
```

## Border

The CSS property to change the border of an element to Hex 7D7200 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
#7D7200 }
```

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

```
.border{ border-color:#7D7200 }
```

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

Here you see how a box with a 4 pixel #7D7200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7200; -webkit-box-shadow:4px 4px  
4px 4px #7D7200; box-shadow:4px 4px 4px  
4px #7D7200 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7200 }
```

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

```
.background{ background-color:#7D7200 }
```

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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