

# Converting Colors

Hex(747A00)

Have a look what the booklet for  
Hex(747A00) contains.

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**Color**

**Hex(747A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747A00
RGB	116, 122, 0
RGB Percent	45%, 48%, 0%
CMY	0.5451, 0.5216, 1.0000
CMYK	0.05, 0.00, 1.00, 0.52
HSL	63°, 100%, 24%
HSV	63°, 100%, 48%
XYZ	14.1620, 17.6321, 2.6569
YIQ	106.2980, 35.5860, -39.2140

# Conversions

## Conversions Part 2

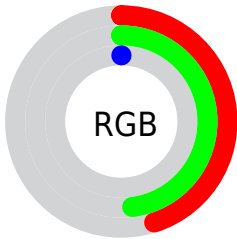
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 122, 6</a>
Decimal	<a href="#">7633408</a>
CIELab	<a href="#">49.05, -15.30, 54.14</a>
CIELCh	<a href="#">49, 56.260, 105.782</a>
Yxy	<a href="#">17.6321, 0.4111, 0.5118</a>
Android (android.graphics.Color)	<a href="#">4285823488 (0xFF747A00)</a>
YUV	<a href="#">106.2980, -52.4049, 8.5087</a>
Hunter-Lab	<a href="#">41.9906, -13.2815, 25.6419</a>

# Details

The Hex color **747A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **06007A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **ABAE40**, and **404A00** is the 20% darker color. If you saturate the color by 10%, you get **747A00**, and if you desaturate by 10%, it is **757A0C**.

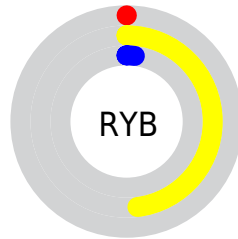
# Distribution



Red (45%)

Green (48%)

Blue (0%)



Red (0%)

Yellow (48%)

Blue (2%)

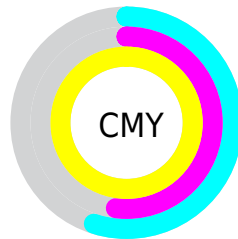


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747A00 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 747A00 by changing the saturation by 10% instead.



 747A00

 747A00

FFFFFF

 596100

 ABAE40

 404A00

 C8CA5B

 263300

 E5E675

 0B1E00

 FFFF90

 000000

 FFFFAC

 FFFFC8

 FFFFE4

 747A00

 757A0C

 757A18

 767A25

 767A31

 777A3D

 787A49

 787A55

 797A62

 797A6E

# Harmonies

## Analogous

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



9E6A08



747A00



3B842C

# Triad

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



747A00



0088B8



BF488D

# Complementary

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



747A00



06007A

# 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.



965CB8



747A00



0080D1

# Square

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



747A00



008B8D



4271D1



CA455D

# Rectangle

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



747A00



00884B



4271D1



B54E9D



# Sweetspot

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



747A00



9C9E6F



7A0400



4E4F33



CFCFCF



4F4F4F



# Same Dimension

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



747A00



969E00



397A00



3D3D37



777D00



F0FC00



# Inverse Universe

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



06007A



08009E



41007A



37373D



06007D



0C00FC



# Previews

## White Background



This preview shows how the Hex color 747A00 looks on a white background.

## Color Contrast Check

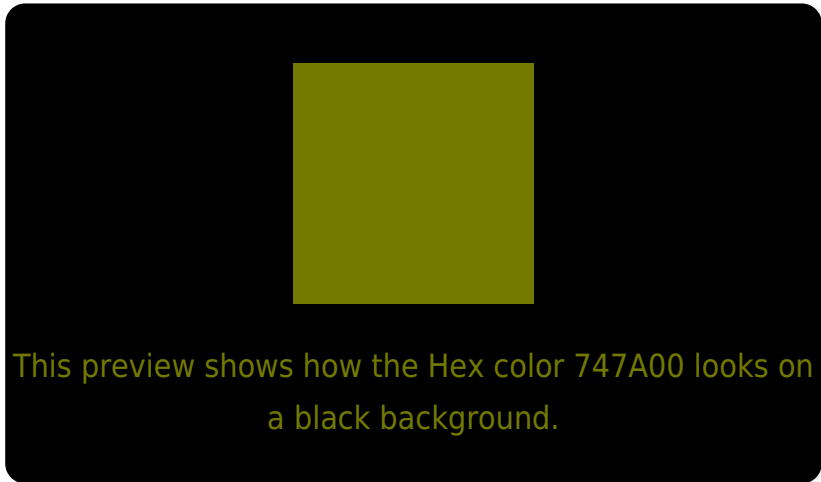
Large Text (above 18pt) WCAG AA ✓ Pass

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 747A00 Background



This preview shows how black text looks on a background with the Hex color 747A00.



This preview shows how white text looks on a background with the Hex color 747A00.

# 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**  
747A00

**Protanopia**  
847500

**Deuteranopia**  
936F13



**Tritanopia**  
7C717A

# Trichromacy



**Original Color**  
747A00

**Protanomaly**  
7E7700

**Deuteranomaly**  
88730C

**Tritanomaly**  
79744E

# Monochromacy



**Original Color**  
747A00

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6E7043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747A00 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 #747A00 looks like.

```
.text, #text, p{  
    color:#747A00  
}
```

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 #747A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747A00
}
```

## Border

The CSS property to change the border of an element to Hex 747A00 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
#747A00 }
```

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

```
.border{ border-color:#747A00 }
```

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

Here you see how a box with a 4 pixel #747A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747A00; -webkit-box-shadow:4px 4px  
4px 4px #747A00; box-shadow:4px 4px 4px  
4px #747A00 }
```

# Background

The CSS property to change the background color of an element to Hex 747A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747A00 }
```

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

```
.background{ background-color:#747A00 }
```

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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