

Converting Colors

Hex(749900)

Have a look what the booklet for
Hex(749900) contains.

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Color

Hex(749900)

Conversions

Conversions Part 1

Format	Color
Hex	749900
RGB	116, 153, 0
RGB Percent	45%, 60%, 0%
CMY	0.5451, 0.4000, 1.0000
CMYK	0.24, 0.00, 1.00, 0.40
HSL	75°, 100%, 30%
HSV	75°, 100%, 60%
XYZ	18.5937, 26.4955, 4.1341
YIQ	124.4950, 27.0610, -55.4270

Conversions

Conversions Part 2

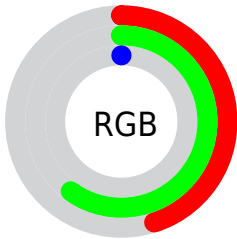
Format	Color
RYB	0, 153, 37
Decimal	7641344
CIELab	58.50, -30.89, 61.23
CIELCh	59, 68.583, 116.765
Yxy	26.4955, 0.3777, 0.5383
Android (android.graphics.Color)	4285831424 (0xFF749900)
YUV	124.4950, -61.3760, -7.4501
Hunter-Lab	51.4737, -25.6001, 31.2697

Details

The Hex color **749900** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **250099**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ACCF47**, and **3E6600** is the 20% darker color. If you saturate the color by 10%, you get **749900**, and if you desaturate by 10%, it is **78990F**.

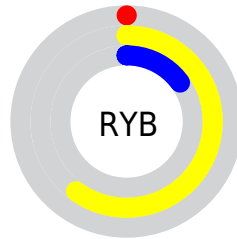
Distribution



Red (45%)

Green (60%)

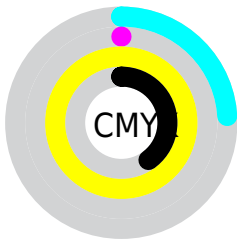
Blue (0%)



Red (0%)

Yellow (60%)

Blue (15%)

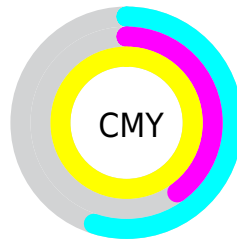


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749900 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 749900 by changing the saturation by 10% instead.

 749900

 749900

FFFFFF

 597F00

 ACCF47

 3E6600

 C9EC63

 224E00

 E6FF7E

 003600

 FFFF9A

 002200

 FFFFB6

 000000

 FFFFD3

 FFFFF0

 749900

 78990F

 7B991F

 7F992E

 83993D

 87994D

 8A995C

 8E996B

 92997A

 95998A

Harmonies

Analogous

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



AE8800



749900



00A346

Triad

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



749900



00A3F1



F34D96

Complementary

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



749900



250099

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.



CE62D0



749900



0096FF

Square

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



749900



00A8C1



7D80F9



F4555A

Rectangle

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



749900



00A66F



7D80F9



EB52AA

Sweetspot

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



749900



B8C78B



992400



5B6340



E3E3E3



636363

Same Dimension

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



749900



97C700



299900



4B4D45



6A8C00



0A0D00

Inverse Universe

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



250099



3000C7



700099



47454D



22008C



03000D

Previews

White Background



This preview shows how the Hex color 749900 looks on a white background.

Color Contrast Check

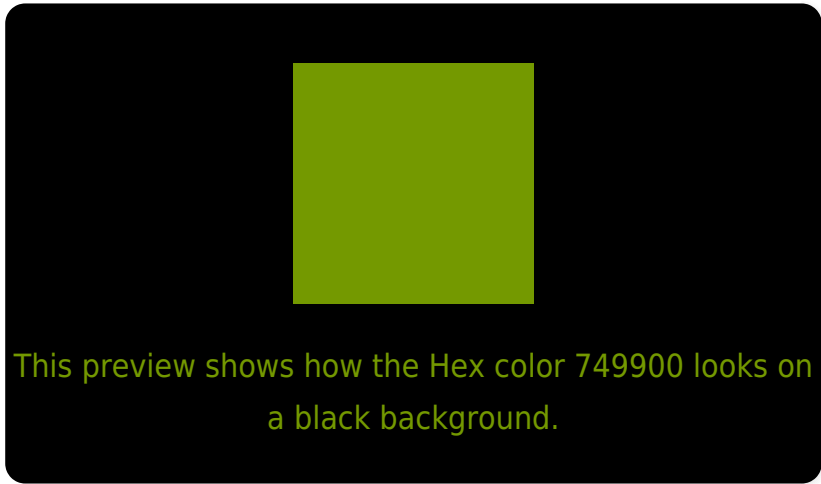
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 749900 Background



This preview shows how black text looks on a background with the Hex color 749900.

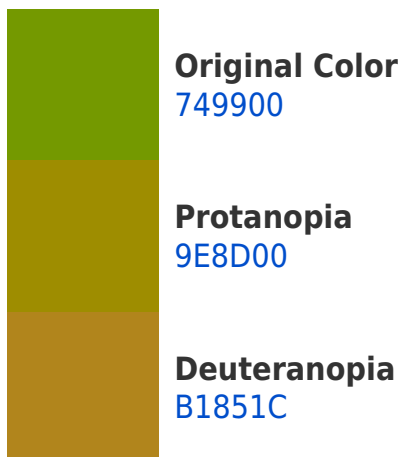


This preview shows how white text looks on a background with the Hex color 749900.

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





Tritanopia
828E9A

Trichromacy



Original Color
749900

Protanomaly
8F9100

Deuteranomaly
9B8C12

Tritanomaly
7D9262

Monochromacy



Original Color
749900

Achromatopsia
7C7C7C

Achromatomaly
79874F

CSS Examples

Text

The CSS property to change the color of the text to Hex 749900 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 #749900 looks like.

```
.text, #text, p{  
    color:#749900  
}
```

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 #749900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749900
}
```

Border

The CSS property to change the border of an element to Hex 749900 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
#749900 }
```

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

```
.border{ border-color:#749900 }
```

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

Here you see how a box with a 4 pixel #749900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749900; -webkit-box-shadow:4px 4px  
4px 4px #749900; box-shadow:4px 4px 4px  
4px #749900 }
```

Background

The CSS property to change the background color of an element to Hex 749900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749900 }
```

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

```
.background{ background-color:#749900 }
```

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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