

Converting Colors

Hex(749A39)

Have a look what the booklet for
Hex(749A39) contains.

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Color

Hex(749A39)

Conversions

Conversions Part 1

Format	Color
Hex	749A39
RGB	116, 154, 57
RGB Percent	45%, 60%, 22%
CMY	0.5451, 0.3961, 0.7765
CMYK	0.25, 0.00, 0.63, 0.40
HSL	84°, 46%, 41%
HSV	84°, 63%, 60%
XYZ	19.4966, 27.1196, 8.0779
YIQ	131.5800, 8.4890, -38.2230

Conversions

Conversions Part 2

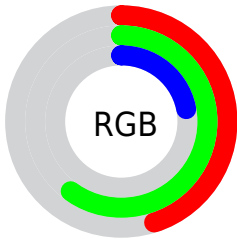
Format	Color
RYB	57, 154, 95
Decimal	7641657
CIELab	59.08, -28.76, 45.42
CIELCh	59, 53.760, 122.346
Yxy	27.1196, 0.3565, 0.4958
Android (android.graphics.Color)	4285831737 (0xFF749A39)
YUV	131.5800, -36.7679, -13.6637
Hunter-Lab	52.0765, -24.3064, 27.2567

Details

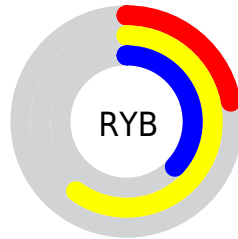
The Hex color **749A39** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F399A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AAD16C**, and **406700** is the 20% darker color. If you saturate the color by 10%, you get **6E9A2A**, and if you desaturate by 10%, it is **7A9A48**.

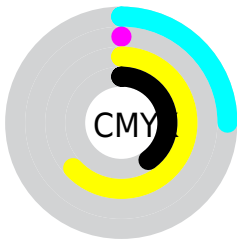
Distribution



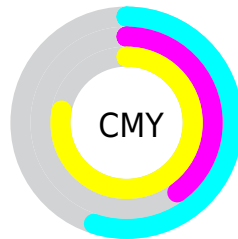
- Red (45%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (37%)



- Cyan (25%)
- Magenta (0%)
- Yellow (63%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749A39 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 749A39 by changing the saturation by 10% instead.

 749A39

 749A39

FFFFFF

 5A801F

 AAD16C

 406700

 C7ED87

 274E00

 E3FFA2

 093700

 FFFFBD

 002300

 FFFFDA

 000000

 FFFFF6

 749A39

 749A39

 6E9A2A

 7A9A48

■ 689A1A

■ 809A58

■ 629A0B

■ 869A67

■ 5E9A00

■ 8C9A77

■ 929A86

■ 989A95

■ 9E9AA5

■ A49AB4

■ AA9AC4

Harmonies

Analogous

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



A48D28



749A39



2BA260

Triad

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



749A39



009EE1



E3638C

Complementary

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



749A39



5F399A

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.



CB6DBB



749A39



2592ED

Square

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



749A39



00A4BF



9580DE



E16A5E

Rectangle

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



749A39



00A480



9580DE



DE649C

Sweetspot

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



749A39



BAC9A3



9A5E39



5D664F



E6E6E6



666666

Same Dimension

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



749A39



8DC930



449A39



4A4D45



558C00



080D00

Inverse Universe

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



5F399A



6C30C9



8F399A



48454D



37008C



05000D

Previews

White Background



This preview shows how the Hex color 749A39 looks on a white background.

Color Contrast Check

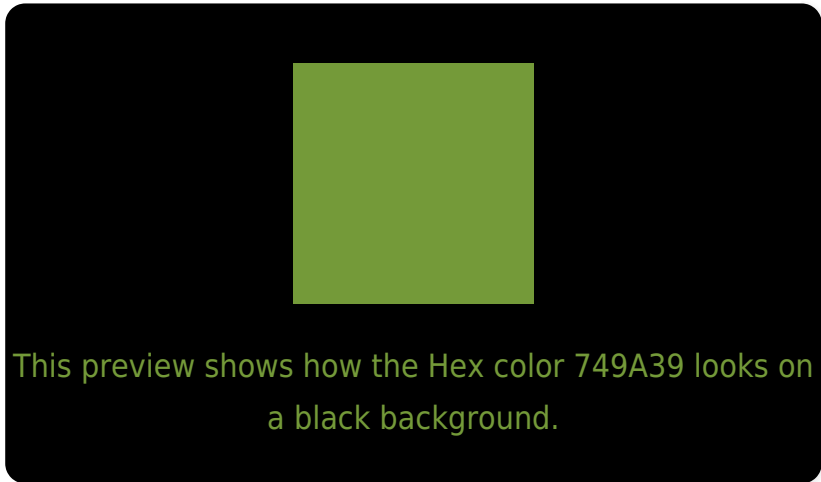
Large Text (above 18pt) WCAG AA ✓ Pass

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 749A39 Background



This preview shows how black text looks on a background with the Hex color 749A39.



This preview shows how white text looks on a background with the Hex color 749A39.

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
749A39

Protanopia
9E8E36

Deuteranopia
B0873F



Tritanopia
81909C

Trichromacy



Original Color
749A39

Protanomaly
8F9237

Deuteranomaly
9A8E3D

Tritanomaly
7C9478

Monochromacy



Original Color
749A39

Achromatopsia
848484

Achromatomaly
7E8C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 749A39 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 #749A39 looks like.

```
.text, #text, p{  
    color:#749A39  
}
```

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 #749A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749A39
}
```

Border

The CSS property to change the border of an element to Hex 749A39 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
#749A39 }
```

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

```
.border{ border-color:#749A39 }
```

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

Here you see how a box with a 4 pixel #749A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749A39; -webkit-box-shadow:4px 4px  
4px 4px #749A39; box-shadow:4px 4px 4px  
4px #749A39 }
```

Background

The CSS property to change the background color of an element to Hex 749A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749A39 }
```

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

```
.background{ background-color:#749A39 }
```

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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