

# Converting Colors

Hex(749D40)

Have a look what the booklet for  
Hex(749D40) contains.

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**Color**

**Hex(749D40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749D40
RGB	116, 157, 64
RGB Percent	45%, 62%, 25%
CMY	0.5451, 0.3843, 0.7490
CMYK	0.26, 0.00, 0.59, 0.38
HSL	86°, 42%, 43%
HSV	86°, 59%, 62%
XYZ	20.1848, 28.1971, 9.2292
YIQ	134.1390, 5.4170, -37.6150

# Conversions

## Conversions Part 2

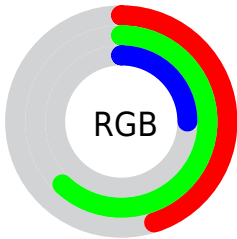
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 157, 105
Decimal	7642432
CIELab	60.07, -29.56, 43.29
CIELCh	60, 52.425, 124.328
Yxy	28.1971, 0.3504, 0.4894
Android (android.graphics.Color)	4285832512 (0xFF749D40)
YUV	134.1390, -34.5785, -15.9079
Hunter-Lab	53.1010, -25.0749, 26.8658

# Details

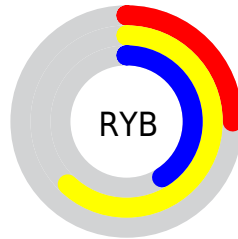
The Hex color **749D40** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **69409D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **AAD473**, and **406909** is the 20% darker color. If you saturate the color by 10%, you get **6D9D30**, and if you desaturate by 10%, it is **7B9D50**.

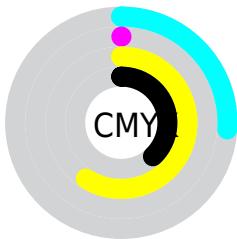
# Distribution



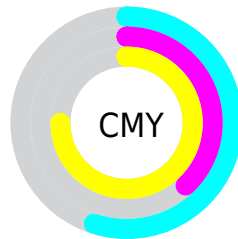
- Red (45%)
- Green (62%)
- Blue (25%)



- Red (25%)
- Yellow (62%)
- Blue (41%)



- Cyan (26%)
- Magenta (0%)
- Yellow (59%)
- Black (38%)



- Cyan (55%)
- Magenta (38%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 749D40 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 749D40 by changing the saturation by 10% instead.





749D40



749D40

FFFFFF



5A8327



AAD473



406909



C6F08D



265100



E3FFA9



0A3A00



FFFFC4



002400



FFFFE1



000000

FFFFFFE



749D40



749D40



6D9D30



7B9D50

■ 669D21

■ 829D5F

■ 5F9D11

■ 899D6F

■ 589D01

■ 909D7F

■ 589D00

■ 979D8F

■ 9E9D9E

■ A49DAE

■ AB9DBE

■ B29DCD

# Harmonies

## Analogous

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



A4912E



749D40



2BA467

# Triad

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



749D40



00A0E3



E5678C

# Complementary

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



749D40



69409D

# 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.



CE70BA



749D40



3E94ED

# Square

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



749D40



00A6C4



9C82DD



E16F5F

# Rectangle

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



749D40



00A786



9C82DD



E0689C



# Sweetspot

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



749D40



BCCCA7



9D6840



5C6650



E6E6E6



666666



# Same Dimension

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



749D40



8CCC3B



469D40



4C4F47



508F00



090F00



# Inverse Universe

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



69409D



7B3BCC



97409D



4B474F



3F008F



07000F



# Previews

## White Background



This preview shows how the Hex color 749D40 looks on a white background.

## Color Contrast Check

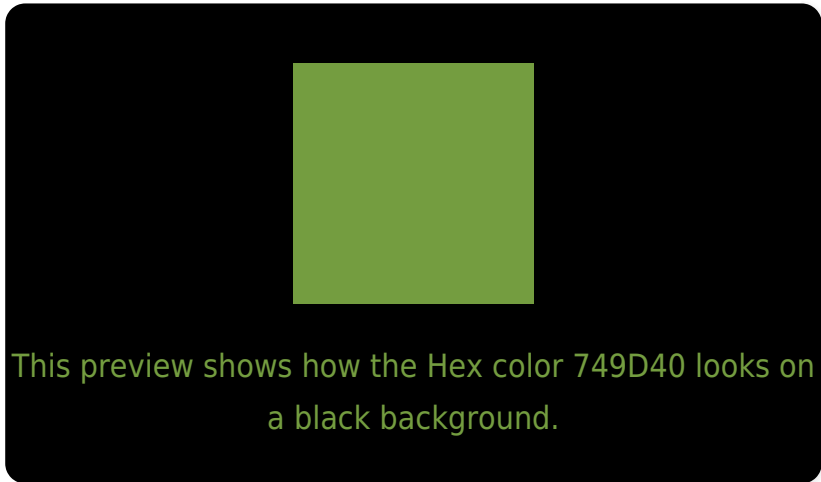
Large Text (above 18pt) WCAG AA ✓ Pass

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 749D40 Background



This preview shows how black text looks on a background with the Hex color 749D40.



This preview shows how white text looks on a background with the Hex color 749D40.

# 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](#).

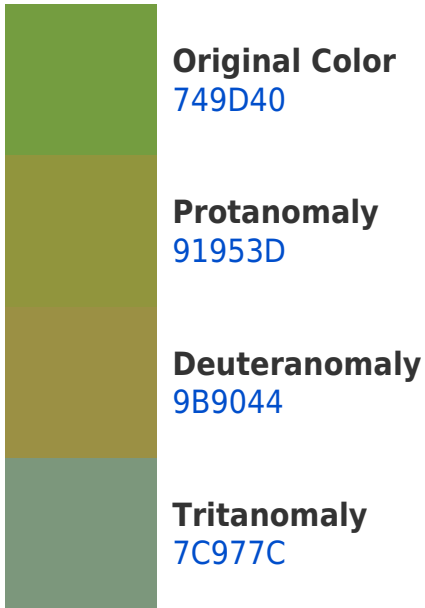
## Dichromacy



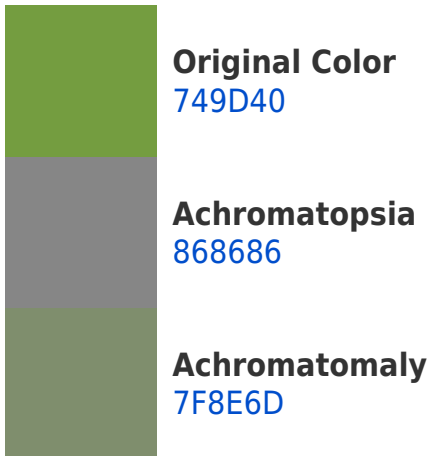


**Tritanopia**  
81939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 749D40 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 #749D40 looks like.

```
.text, #text, p{  
    color:#749D40  
}
```

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 #749D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749D40
}
```

## Border

The CSS property to change the border of an element to Hex 749D40 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
#749D40 }
```

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

```
.border{ border-color:#749D40 }
```

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

Here you see how a box with a 4 pixel #749D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749D40; -webkit-box-shadow:4px 4px  
4px 4px #749D40; box-shadow:4px 4px 4px  
4px #749D40 }
```

# Background

The CSS property to change the background color of an element to Hex 749D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749D40 }
```

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

```
.background{ background-color:#749D40 }
```

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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