

# Converting Colors

Decimal(7641699)

Have a look what the booklet for  
Decimal(7641699) contains.

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# Color

**Decimal(7641699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749A63
RGB	116, 154, 99
RGB Percent	45%, 60%, 39%
CMY	0.5451, 0.3961, 0.6118
CMYK	0.25, 0.00, 0.36, 0.40
HSL	101°, 22%, 50%
HSV	101°, 36%, 60%
XYZ	21.0102, 27.7251, 16.0485
YIQ	136.3680, -4.9930, -25.1610

# Conversions

## Conversions Part 2

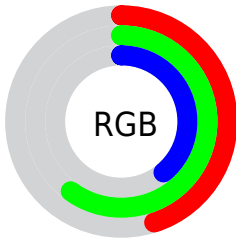
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 154, 137
Decimal	7641699
CIE <sub>Lab</sub>	59.64, -23.71, 24.77
CIE <sub>LCh</sub>	60, 34.288, 133.754
Yxy	27.7251, 0.3243, 0.4280
Android (android.graphics.Color)	4285831779 (0xFF749A63)
YUV	136.3680, -18.4224, -17.8627
Hunter-Lab	52.6546, -20.9206, 18.7873

# Details

The Decimal color **7641699** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9003930**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **11129238**, and **4351795** is the 20% darker color. If you saturate the color by 10%, you get **6920788**, and if you desaturate by 10%, it is **8362610**.

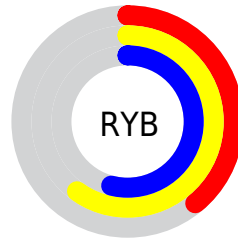
# Distribution



Red (45%)

Green (60%)

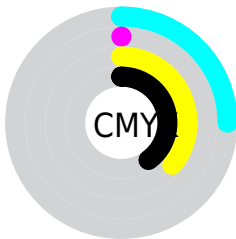
Blue (39%)



Red (39%)

Yellow (60%)

Blue (54%)

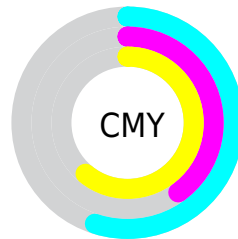


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7641699 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 Decimal color 7641699 by changing the saturation by 10% instead.





7641699



7641699

16777215



5996619



11129238



4351795



12971441



2772509



14811085



1193734



16711657



8704



0



7641699



7641699



6920788



8362610



6265412



9017986

■ 5544501

■ 9738897

■ 4823589

■ 10459809

■ 4168214

■ 11115184

■ 3447303

■ 11836095

■ 3185152

■ 12491471

■ 13212382

■ 13933294

# Harmonies

## Analogous

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



9867860



7641699



5087102

# Triad

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



7641699



4560841



13269123

# Complementary

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



7641699



9003930

# 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.



12614305



7641699



8031946

# Square

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



7641699



40376



10847163



12877415

# Rectangle

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



7641699



3055763



10847163



13203597



# Sweetspot

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



7641699



12241331



10127715



6121049



15132390



6710886



# Same Dimension

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



7641699



9357683



6527597



4672837



2853888



265472



# Inverse Universe

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



9003930



11498441



10118032



4867405



6357132



589837



# Previews

## White Background



This preview shows how the Decimal color 7641699 looks on a white background.

## Color Contrast Check

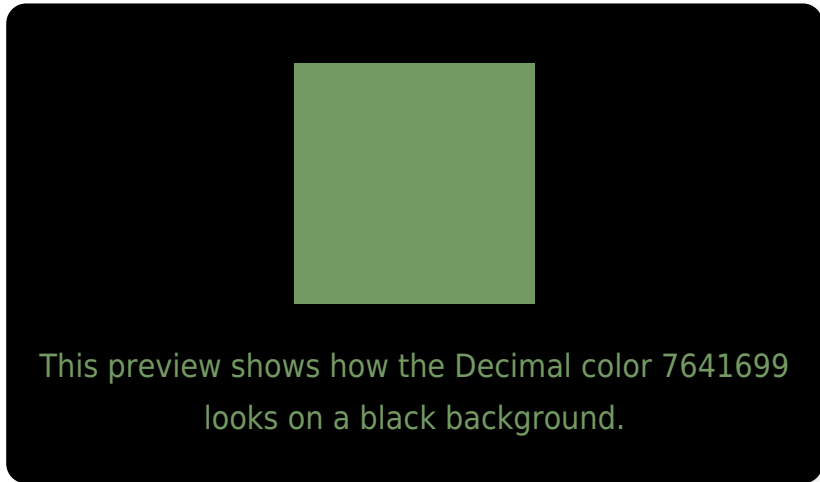
Large Text (above 18pt) WCAG AA ✓ Pass

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

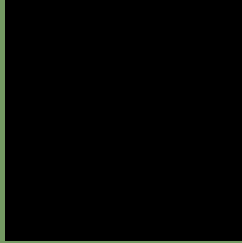
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7641699 Background



This preview shows how black text looks on a background with the Decimal color 7641699.



This preview shows how white text looks on a background with the Decimal color 7641699.

# 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





# Trichromacy



**Original Color**  
7641699

**Protanomaly**  
9278304

**Deuteranomaly**  
9867110

**Tritanomaly**  
8033929

# Monochromacy



**Original Color**  
7641699

**Achromatopsia**  
8947848

**Achromatomaly**  
8490875

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7641699 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 #749A63 looks like.

```
.text, #text, p{  
  color:#749A63  
}
```

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 #749A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749A63
}
```

## Border

The CSS property to change the border of an element to Decimal 7641699 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
#749A63 }
```

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

```
.border{ border-color:#749A63 }
```

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

Here you see how a box with a 4 pixel #749A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749A63; -webkit-box-shadow:4px 4px  
4px 4px #749A63; box-shadow:4px 4px 4px  
4px #749A63 }
```

# Background

The CSS property to change the background color of an element to Decimal 7641699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749A63 }
```

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

```
.background{ background-color:#749A63 }
```

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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