

Converting Colors

Decimal(7642701)

Have a look what the booklet for
Decimal(7642701) contains.

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Color

Decimal(7642701)

Conversions

Conversions Part 1

Format	Color
Hex	749E4D
RGB	116, 158, 77
RGB Percent	45%, 62%, 30%
CMY	0.5451, 0.3804, 0.6980
CMYK	0.27, 0.00, 0.51, 0.38
HSL	91°, 34%, 46%
HSV	91°, 51%, 62%
XYZ	20.7689, 28.7025, 11.4667
YIQ	136.2080, 0.9690, -34.0950

Conversions

Conversions Part 2

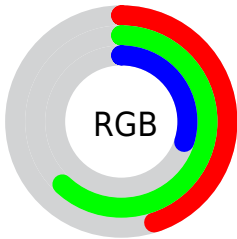
Format	Color
RYB	77, 158, 119
Decimal	7642701
CIELab	60.52, -28.66, 37.48
CIElCh	61, 47.184, 127.405
Yxy	28.7025, 0.3408, 0.4710
Android (android.graphics.Color)	4285832781 (0xFF749E4D)
YUV	136.2080, -29.1895, -17.7224
Hunter-Lab	53.5748, -24.5582, 24.8124

Details

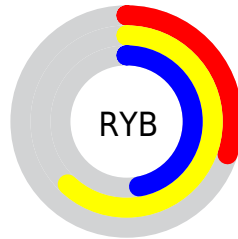
The Decimal color **7642701** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7818654**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11195776**, and **4287004** is the 20% darker color. If you saturate the color by 10%, you get **7118397**, and if you desaturate by 10%, it is **8167005**.

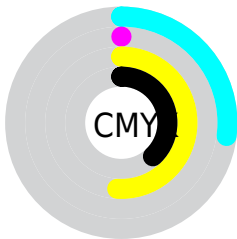
Distribution



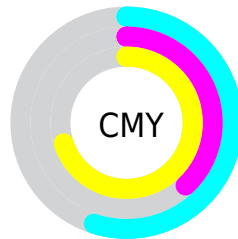
- Red (45%)
- Green (62%)
- Blue (30%)



- Red (30%)
- Yellow (62%)
- Blue (47%)



- Cyan (27%)
- Magenta (0%)
- Yellow (51%)
- Black (38%)



- Cyan (55%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7642701 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 7642701 by changing the saturation by 10% instead.



7642701



7642701

16777215



5932085



11195776



4287004



13037978



2576897



14876598



997888



16777170



9472



16777198



1024



0



7642701



7642701



7118397



8167005

■ 6594093

■ 8691309

■ 6004254

■ 9281148

■ 5479950

■ 9805452

■ 5021184

■ 10329756

■ 10854060

■ 11378364

■ 11968203

■ 12492507

Harmonies

Analogous

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



10523452



7642701



3581296

Triad

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



7642701



40926



14642825

Complementary

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



7642701



7818654

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.



13464755



7642701



6001636

Square

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



7642701



42435



10716116



14382690

Rectangle

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



7642701



42893



10716116



14446231

Sweetspot

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



7642701



12505008



10385229



6252886



15263976



6908265

Same Dimension

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



7642701



9228110



5086798



4935495



4558592



462592

Inverse Universe

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



7818654



9522895



10374557



4933455



4849807



524303

Previews

White Background



This preview shows how the Decimal color 7642701 looks on a white background.

Color Contrast Check

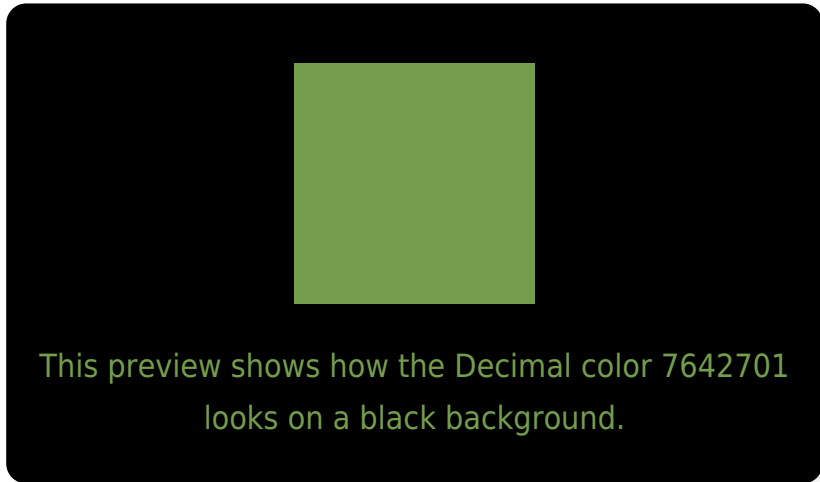
Large Text (above 18pt) WCAG AA ✓ Pass

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 7642701 Background



This preview shows how black text looks on a background with the Decimal color 7642701.



This preview shows how white text looks on a background with the Decimal color 7642701.

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](#).

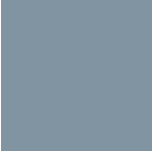
Dichromacy



Original Color
7642701

Protanopia
10588745

Deuteranopia
11635538



Tritanopia
8426913

Trichromacy



Original Color
7642701

Protanomaly
9541194

Deuteranomaly
10195536

Tritanomaly
8165506

Monochromacy



Original Color
7642701

Achromatopsia
8947848

Achromatomaly
8491123

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7642701 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 #749E4D looks like.

```
.text, #text, p{  
  color:#749E4D  
}
```

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 #749E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749E4D
}
```

Border

The CSS property to change the border of an element to Decimal 7642701 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
#749E4D }
```

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

```
.border{ border-color:#749E4D }
```

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

Here you see how a box with a 4 pixel #749E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749E4D; -webkit-box-shadow:4px 4px  
4px 4px #749E4D; box-shadow:4px 4px 4px  
4px #749E4D }
```

Background

The CSS property to change the background color of an element to Decimal 7642701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749E4D }
```

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

```
.background{ background-color:#749E4D }
```

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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