

Converting Colors

Decimal(7637602)

Have a look what the booklet for
Decimal(7637602) contains.

Decimal(7637602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7637602)

Conversions

Conversions Part 1

Format	Color
Hex	748A62
RGB	116, 138, 98
RGB Percent	45%, 54%, 38%
CMY	0.5451, 0.4588, 0.6157
CMYK	0.16, 0.00, 0.29, 0.46
HSL	93°, 17%, 46%
HSV	93°, 29%, 54%
XYZ	18.4955, 22.7718, 14.9759
YIQ	126.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

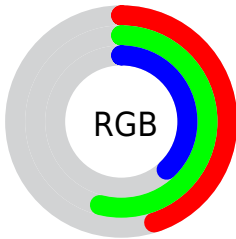
Format	Color
RYB	98, 138, 120
Decimal	7637602
CIELab	54.84, -15.59, 18.89
CIELCh	55, 24.493, 129.522
Yxy	22.7718, 0.3288, 0.4049
Android (android.graphics.Color)	4285827682 (0xFF748A62)
YUV	126.8620, -14.2290, -9.5260
Hunter-Lab	47.7198, -14.3255, 14.7970

Details

The Decimal color **7637602** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7889546**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11059093**, and **4413491** is the 20% darker color. If you saturate the color by 10%, you get **7113300**, and if you desaturate by 10%, it is **8161904**.

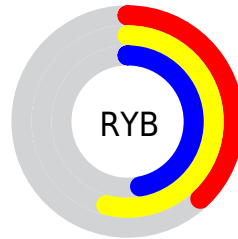
Distribution



Red (45%)

Green (54%)

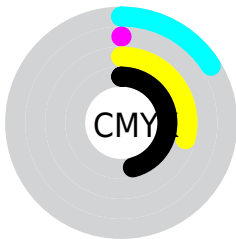
Blue (38%)



Red (38%)

Yellow (54%)

Blue (47%)

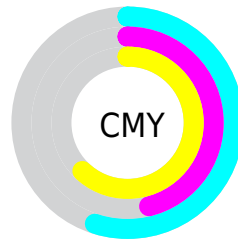


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7637602 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 7637602 by changing the saturation by 10% instead.

 7637602

 7637602

16777215

 5992778


 11059093

 4413491

 12901296

 2900253

 14743755

 1518086


 16646119

 5888

 0

 7637602

 7637602

 7113300

 8161904

 6654534

 8620670

■ 6130233

■ 9144971

■ 5671467

■ 9603737

■ 5147165

■ 10128039

■ 4622863

■ 10652341

■ 4164097

■ 11111107

■ 4098560

■ 11635408

■ 12094174

Harmonies

Analogous

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



9143385



7637602



6000244

Triad

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



7637602



5474730



11367293

Complementary

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



7637602



7889546

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.



10778003



7637602



7504813

Square

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



7637602



4230813



9403300



11237225

Rectangle

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



7637602



5017474



9403300



11236484

Sweetspot

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



7637602



11187106



9074786



5527887



14277081



5855577

Same Dimension

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



7637602



9483124



6457956



4277566



3966208



132352

Inverse Universe

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



7889546



9860275



9069192



4341317



4784261



196613

Previews

White Background



This preview shows how the Decimal color 7637602 looks on a white background.

Color Contrast Check

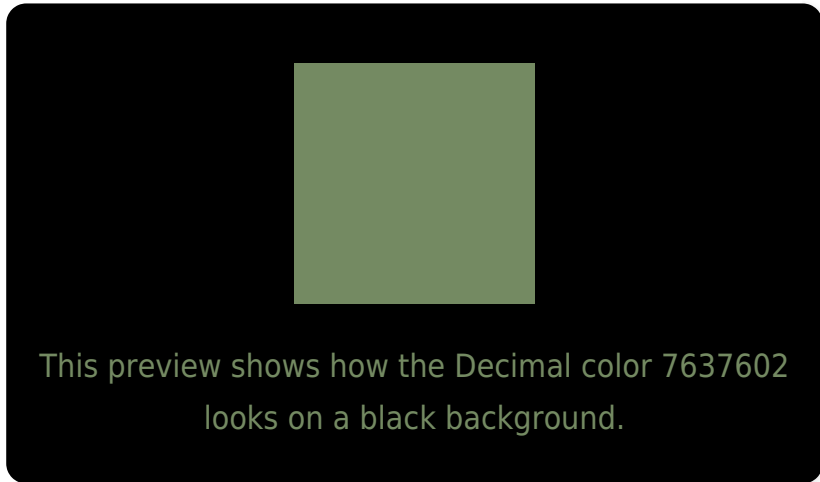
Large Text (above 18pt) WCAG AA ✓ Pass

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

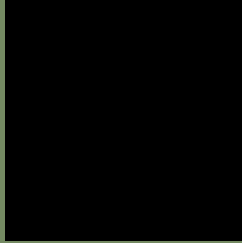
Any Text WCAG AA ✓ Pass

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 7637602 Background



This preview shows how black text looks on a background with the Decimal color 7637602.

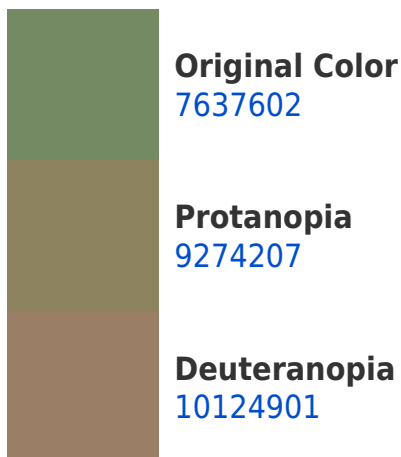


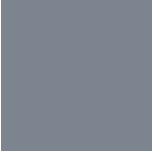
This preview shows how white text looks on a background with the Decimal color 7637602.

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
8094863

Trichromacy



Original Color
7637602

Protanomaly
8685152

Deuteranomaly
9208420

Tritanomaly
7898751

Monochromacy



Original Color
7637602

Achromatopsia
8355711

Achromatomaly
8094580

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7637602 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 #748A62 looks like.

```
.text, #text, p{  
    color:#748A62  
}
```

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 #748A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748A62
}
```

Border

The CSS property to change the border of an element to Decimal 7637602 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
#748A62 }
```

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

```
.border{ border-color:#748A62 }
```

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

Here you see how a box with a 4 pixel #748A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748A62; -webkit-box-shadow:4px 4px  
4px 4px #748A62; box-shadow:4px 4px 4px  
4px #748A62 }
```

Background

The CSS property to change the background color of an element to Decimal 7637602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748A62 }
```

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

```
.background{ background-color:#748A62 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor