

Converting Colors

Decimal(7633998)

Have a look what the booklet for
Decimal(7633998) contains.

Decimal(7633998)	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(7633998)

Conversions

Conversions Part 1

Format	Color
Hex	747C4E
RGB	116, 124, 78
RGB Percent	45%, 49%, 31%
CMY	0.5451, 0.5137, 0.6941
CMYK	0.06, 0.00, 0.37, 0.51
HSL	70°, 23%, 40%
HSV	70°, 37%, 49%
XYZ	15.7853, 18.6784, 9.9810
YIQ	116.3640, 9.9980, -16.0020

Conversions

Conversions Part 2

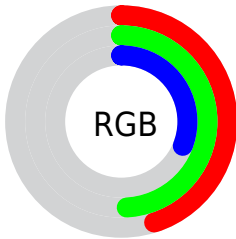
Format	Color
RYB	78, 124, 86
Decimal	7633998
CIELab	50.31, -10.98, 24.15
CIElCh	50, 26.525, 114.446
Yxy	18.6784, 0.3552, 0.4203
Android (android.graphics.Color)	4285824078 (0xFF747C4E)
YUV	116.3640, -18.9135, -0.3192
Hunter-Lab	43.2185, -10.4364, 16.5603

Details

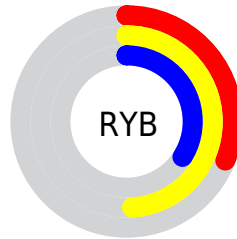
The Decimal color **7633998** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5656188**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **11120768**, and **4410144** is the 20% darker color. If you saturate the color by 10%, you get **7502914**, and if you desaturate by 10%, it is **7765082**.

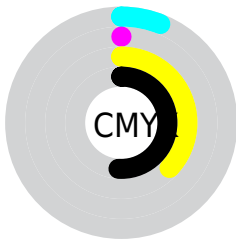
Distribution



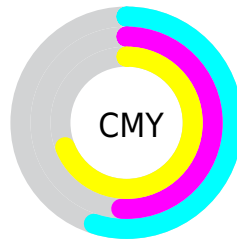
- Red (45%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (34%)



- Cyan (6%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7633998 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 7633998 by changing the saturation by 10% instead.

 7633998

 7633998

16777215

 5989175

 11120768

 4410144

 12897434

 2897162

 14739637

 1515264

 16646096

 512

 16777197

 0

 7633998

 7633998

 7502914

 7765082

 7371829

 7896167

7240745

8027251

7044124

8223872

6913040

8354956

6781956

8486040

6716416

8617125

8748209

8879294

Harmonies

Analogous

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



9139531



7633998



5931357

Triad

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



7633998



3178908



10577789

Complementary

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



7633998



5656188

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.



9464978



7633998



5405604

Square

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



7633998



2655370



7697313



10774630

Rectangle

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



7633998



4686699



7697313



10315908

Sweetspot

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



7633998



10396047



8148558



5263943



13750737



5395026

Same Dimension

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



7633998



9740632



6126670



3947831



6782208



13761536

Inverse Universe

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



5656188



6641825



7163516



3684157



1441917



2883836

Previews

White Background



This preview shows how the Decimal color 7633998 looks on a white background.

Color Contrast Check

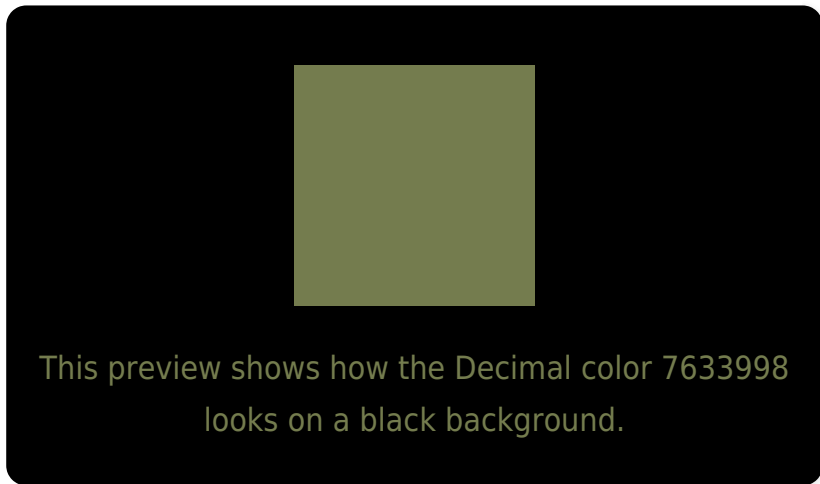
Large Text (above 18pt) WCAG AA ✓ Pass

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

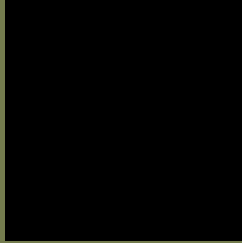
Any Text WCAG AA ✓ Pass

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 7633998 Background



This preview shows how black text looks on a background with the Decimal color 7633998.



This preview shows how white text looks on a background with the Decimal color 7633998.

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
7633998

Protanopia
8550476

Deuteranopia
9400912



Tritanopia
8025727

Trichromacy



Original Color
7633998

Protanomaly
8223053

Deuteranomaly
8746575

Tritanomaly
7895149

Monochromacy



Original Color
7633998

Achromatopsia
7631988

Achromatomaly
7632742

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7633998 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 #747C4E looks like.

```
.text, #text, p{  
    color:#747C4E  
}
```

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 #747C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747C4E
}
```

Border

The CSS property to change the border of an element to Decimal 7633998 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
#747C4E }
```

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

```
.border{ border-color:#747C4E }
```

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

Here you see how a box with a 4 pixel #747C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747C4E; -webkit-box-shadow:4px 4px  
4px 4px #747C4E; box-shadow:4px 4px 4px  
4px #747C4E }
```

Background

The CSS property to change the background color of an element to Decimal 7633998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747C4E }
```

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

```
.background{ background-color:#747C4E }
```

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