

# Converting Colors

Decimal(7638384)

Have a look what the booklet for  
Decimal(7638384) contains.

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# Color

**Decimal(7638384)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748D70
RGB	116, 141, 112
RGB Percent	45%, 55%, 44%
CMY	0.5451, 0.4471, 0.5608
CMYK	0.18, 0.00, 0.21, 0.45
HSL	112°, 11%, 50%
HSV	112°, 21%, 55%
XYZ	19.6520, 23.9326, 18.9129
YIQ	130.2190, -5.5910, -14.3190

# Conversions

## Conversions Part 2

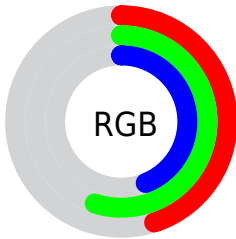
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 141, 137
Decimal	7638384
CIE <sub>Lab</sub>	56.02, -14.77, 12.58
CIE <sub>LCh</sub>	56, 19.404, 139.578
Yxy	23.9326, 0.3144, 0.3829
Android (android.graphics.Color)	4285828464 (0xFF748D70)
YUV	130.2190, -8.9820, -12.4701
Hunter-Lab	48.9210, -13.9067, 11.3231

# Details

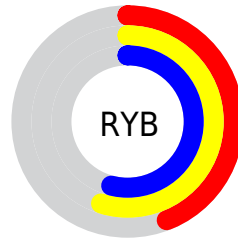
The Decimal color **7638384** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9007245**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **11060132**, and **4414272** is the 20% darker color. If you saturate the color by 10%, you get **6851938**, and if you desaturate by 10%, it is **8424830**.

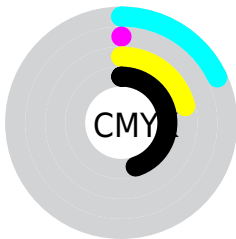
# Distribution



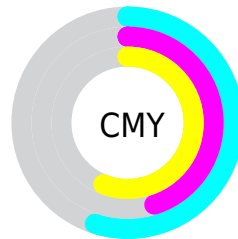
- Red (45%)
- Green (55%)
- Blue (44%)



- Red (44%)
- Yellow (55%)
- Blue (54%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7638384 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 7638384 by changing the saturation by 10% instead.





7638384



7638384

16777215



5993304



11060132



4414272



12902335



2966314



14744539



1518869



16580599



6400



0



7638384



7638384



6851938



8424830



6065492



9211276

■ 5279046

■ 9997722

■ 4427064

■ 10849704

■ 3640617

■ 11636150

■ 2854171

■ 12422597

■ 2067725

■ 13209043

■ 1281280

■ 13995489

■ 14781935

# Harmonies

## Analogous

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



8882534



7638384



6459264

# Triad

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



7638384



6982311



11107196

# Complementary

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



7638384



9007245

# 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.



10779533



7638384



8488102

# Square

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



7638384



5934751



9862812



10780269

# Rectangle

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



7638384



5869707



9862812



11041409



# Sweetspot

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



7638384



11450541



9275760



5659733



14408667



6052956



# Same Dimension

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



7638384



9484426



7376250



4278080



1279744



67584



# Inverse Universe

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



9007245



11635384



9269379



4603975



7667847



458760



# Previews

## White Background



This preview shows how the Decimal color 7638384 looks on a white background.

## Color Contrast Check

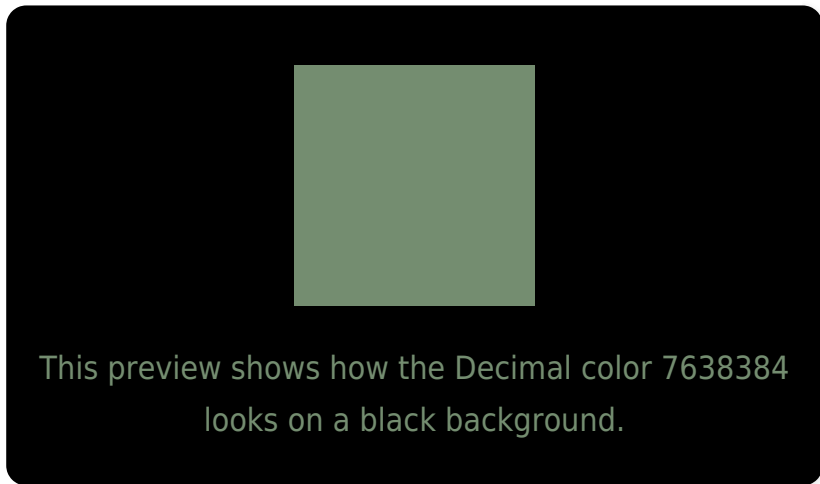
Large Text (above 18pt) WCAG AA ✓ Pass

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

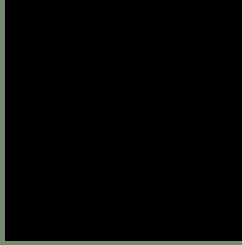
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 7638384 Background



This preview shows how black text looks on a background with the Decimal color 7638384.



This preview shows how white text looks on a background with the Decimal color 7638384.

# 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**  
7638384

**Protanomaly**  
8751469

**Deuteranomaly**  
9209202

**Tritanomaly**  
7899782

# Monochromacy



**Original Color**  
7638384

**Achromatopsia**  
8553090

**Achromatomaly**  
8226427

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7638384 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 #748D70 looks like.

```
.text, #text, p{  
    color:#748D70  
}
```

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 #748D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748D70
}
```

## Border

The CSS property to change the border of an element to Decimal 7638384 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
#748D70 }
```

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

```
.border{ border-color:#748D70 }
```

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

Here you see how a box with a 4 pixel #748D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748D70; -webkit-box-shadow:4px 4px  
4px 4px #748D70; box-shadow:4px 4px 4px  
4px #748D70 }
```

# Background

The CSS property to change the background color of an element to Decimal 7638384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748D70 }
```

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

```
.background{ background-color:#748D70 }
```

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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