

# Converting Colors

Decimal(7635813)

Have a look what the booklet for  
Decimal(7635813) contains.

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# Color

**Decimal(7635813)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748365
RGB	116, 131, 101
RGB Percent	45%, 51%, 40%
CMY	0.5451, 0.4863, 0.6039
CMYK	0.11, 0.00, 0.23, 0.49
HSL	90°, 13%, 45%
HSV	90°, 23%, 51%
XYZ	17.6677, 20.8852, 15.4120
YIQ	123.0950, 0.6900, -12.5100

# Conversions

## Conversions Part 2

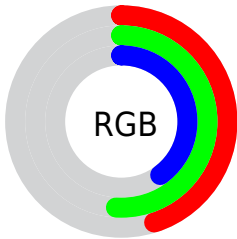
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 131, 116
Decimal	7635813
CIELab	52.82, -11.30, 14.43
CIElCh	53, 18.328, 128.062
Yxy	20.8852, 0.3274, 0.3870
Android (android.graphics.Color)	4285825893 (0xFF748365)
YUV	123.0950, -10.8928, -6.2223
Hunter-Lab	45.7003, -10.9675, 11.9953

# Details

The Decimal color **7635813** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7628163**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **11057304**, and **4477494** is the 20% darker color. If you saturate the color by 10%, you get **7177048**, and if you desaturate by 10%, it is **8094578**.

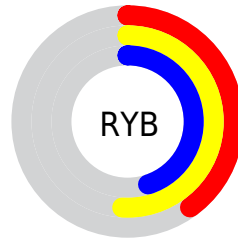
# Distribution



Red (45%)

Green (51%)

Blue (40%)



Red (40%)

Yellow (51%)

Blue (45%)

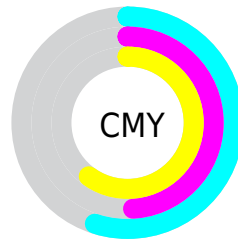


Cyan (11%)

Magenta (0%)

Yellow (23%)

Black (49%)



Cyan (55%)

Magenta (49%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7635813 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 7635813 by changing the saturation by 10% instead.





7635813



7635813

16777215



5990989



11057304



4477494



12899507



2964256



14741710



1582346



16580587



4352



0



7635813



7635813



7177048



8094578



6783819



8487807

■ 6325054

■ 8946572

■ 5931825

■ 9339801

■ 5473060

■ 9798567

■ 5079830

■ 10191796

■ 4621065

■ 10650561

■ 4358912

■ 11043790

■ 11502555

# Harmonies

## Analogous

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



8814175



7635813



6456946

# Triad

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



7635813



6128539



10384250

# Complementary

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



7635813



7628163

# 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.



9860234



7635813



7437981

# Square

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



7635813



5408401



8812951



10319211

# Rectangle

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



7635813



5801852



8812951



10253184



# Sweetspot

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



7635813



10857375



8615013



5461840



14079702



5723991



# Same Dimension

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



7635813



9743229



6718309



4145724



4293120



66304



# Inverse Universe

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



7628163



9731499



8611203



4144194



4259970



65539



# Previews

## White Background



This preview shows how the Decimal color 7635813 looks on a white background.

## Color Contrast Check

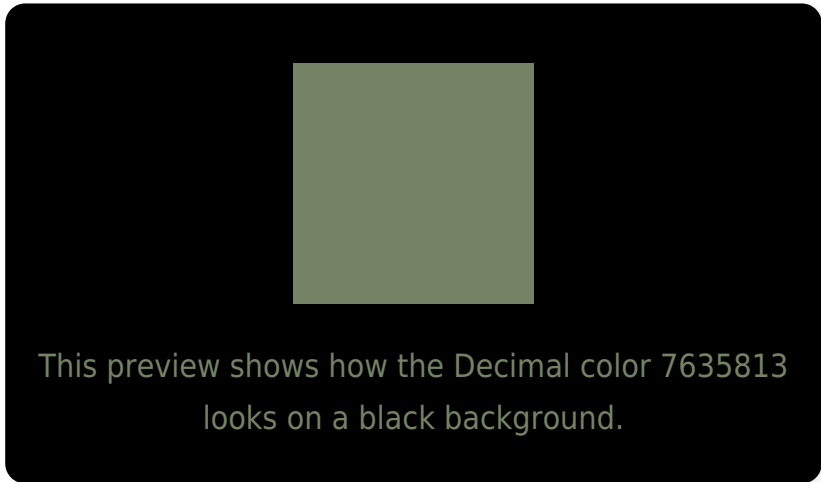
Large Text (above 18pt) WCAG AA ✓ Pass

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

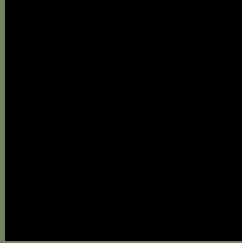
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7635813 Background



This preview shows how black text looks on a background with the Decimal color 7635813.

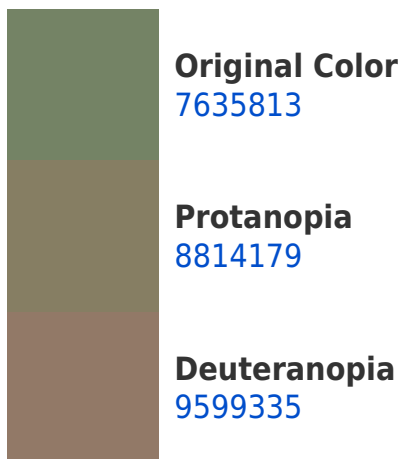



This preview shows how white text looks on a background with the Decimal color 7635813.

# 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**  
7962248

# Trichromacy



**Original Color**  
7635813

**Protanomaly**  
8355940

**Deuteranomaly**  
8879462

**Tritanomaly**  
7831675

# Monochromacy



**Original Color**  
7635813

**Achromatopsia**  
8092539

**Achromatomaly**  
7896691

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7635813 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 #748365 looks like.

```
.text, #text, p{  
    color:#748365  
}
```

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 #748365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748365
}
```

## Border

The CSS property to change the border of an element to Decimal 7635813 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
#748365 }
```

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

```
.border{ border-color:#748365 }
```

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

Here you see how a box with a 4 pixel #748365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748365; -webkit-box-shadow:4px 4px  
4px 4px #748365; box-shadow:4px 4px 4px  
4px #748365 }
```

# Background

The CSS property to change the background color of an element to Decimal 7635813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748365 }
```

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

```
.background{ background-color:#748365 }
```

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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