

# Converting Colors

Decimal(7501666)

Have a look what the booklet for  
Decimal(7501666) contains.

<b>Decimal(7501666)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7501666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727762
RGB	114, 119, 98
RGB Percent	45%, 47%, 38%
CMY	0.5529, 0.5333, 0.6157
CMYK	0.04, 0.00, 0.18, 0.53
HSL	74°, 10%, 43%
HSV	74°, 18%, 47%
XYZ	15.7409, 17.6529, 14.1330
YIQ	115.1110, 3.7610, -7.5910

# Conversions

## Conversions Part 2

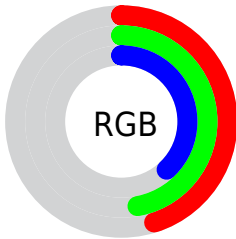
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 119, 103
Decimal	7501666
CIE <sub>Lab</sub>	49.07, -5.91, 10.93
CIE <sub>LCh</sub>	49, 12.423, 118.384
Yxy	17.6529, 0.3312, 0.3714
Android (android.graphics.Color)	4285691746 (0xFF727762)
YUV	115.1110, -8.4357, -0.9743
Hunter-Lab	42.0154, -6.6527, 9.4670

# Details

The Decimal color **7501666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6775415**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10922901**, and **4343603** is the 20% darker color. If you saturate the color by 10%, you get **7305046**, and if you desaturate by 10%, it is **7698286**.

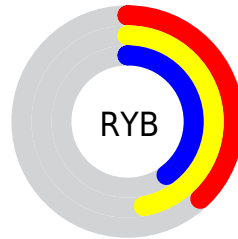
# Distribution



Red (45%)

Green (47%)

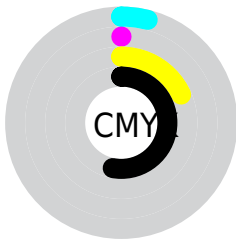
Blue (38%)



Red (38%)

Yellow (47%)

Blue (40%)

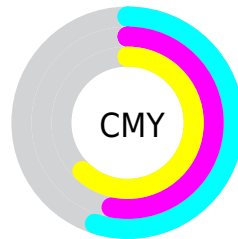


Cyan (4%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7501666 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 7501666 by changing the saturation by 10% instead.





7501666



7501666

16777215



5856842



10922901



4343603



12699311



2895902



14541515



1579782



16449511



0



7501666



7501666



7305046



7698286



7108426



7894906



6911806



8091526

■ 6780722

■ 8222610

■ 6584103

■ 8419230

■ 6387483

■ 8615849

■ 6190863

■ 8812469

■ 5994243

■ 9009089

■ 5994240

■ 9140173

# Harmonies

## Analogous

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



8287328



7501666



6716009

# Triad

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



7501666



6125958



9006454

# Complementary

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



7501666



6775415

# 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.



8548224



7501666



6846089

# Square

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



7501666



5864062



7762567



9137771

# Rectangle

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



7501666



6257264



7762567



8875641



# Sweetspot

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



7501666



10132628



7825250



5132106



13619151



5197647



# Same Dimension

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



7501666



9739387



6846306



3750709



6126080



12515840



# Inverse Universe

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



6775415



8616860



7430775



3552571



1900666



3866874



# Previews

## White Background



This preview shows how the Decimal color 75016666 looks on a white background.

## Color Contrast Check

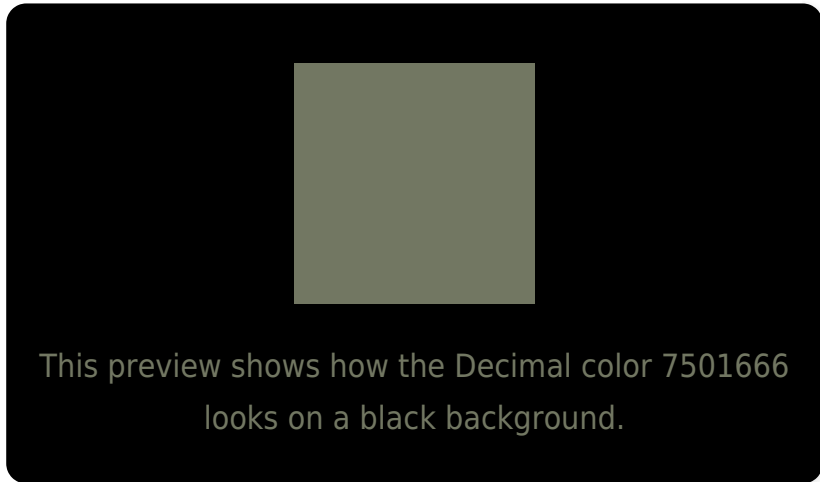
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

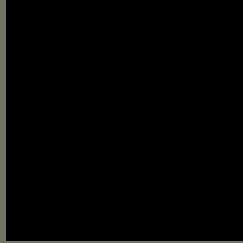
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

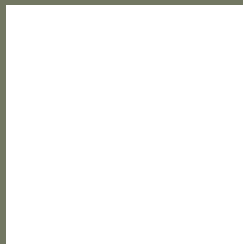
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7501666 Background



This preview shows how black text looks on a background with the Decimal color 7501666.



This preview shows how white text looks on a background with the Decimal color 7501666.

# 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**


7501666

**Protanopia**

8090721

**Deuteranopia**

8810595



**Tritanopia**  
7762812

# Trichromacy



**Original Color**

7501666

**Protanomaly**

7894369

**Deuteranomaly**

8352611

**Tritanomaly**

7697523

# Monochromacy



**Original Color**

7501666

**Achromatopsia**

7566195

**Achromatomaly**

7566445

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7501666 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 #727762 looks like.

```
.text, #text, p{  
    color:#727762  
}
```

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 #727762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727762
}
```

## Border

The CSS property to change the border of an element to Decimal 7501666 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
#727762 }
```

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

```
.border{ border-color:#727762 }
```

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

Here you see how a box with a 4 pixel #727762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727762; -webkit-box-shadow:4px 4px  
4px 4px #727762; box-shadow:4px 4px 4px  
4px #727762 }
```

# Background

The CSS property to change the background color of an element to Decimal 7501666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727762 }
```

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

```
.background{ background-color:#727762 }
```

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