

# Converting Colors

Decimal(7496539)

Have a look what the booklet for  
Decimal(7496539) contains.

<b>Decimal(7496539)</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(7496539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72635B
RGB	114, 99, 91
RGB Percent	45%, 39%, 36%
CMY	0.5529, 0.6118, 0.6431
CMYK	0.00, 0.13, 0.20, 0.55
HSL	21°, 11%, 40%
HSV	21°, 20%, 45%
XYZ	13.2896, 13.2564, 11.7558
YIQ	102.5730, 11.5080, 0.6920

# Conversions

## Conversions Part 2

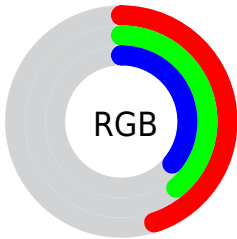
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 103, 91
Decimal	7496539
CIE Lab	43.15, 4.57, 6.74
CIE LCh	43, 8.146, 55.875
Yxy	13.2564, 0.3470, 0.3461
Android (android.graphics.Color)	4285686619 (0xFF72635B)
YUV	102.5730, -5.7055, 10.0215
Hunter-Lab	36.4094, 1.4370, 6.3430

# Details

The Decimal color **7496539** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5991026**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **10917517**, and **4338989** is the 20% darker color. If you saturate the color by 10%, you get **7494736**, and if you desaturate by 10%, it is **7498342**.

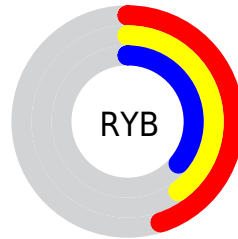
# Distribution



Red (45%)

Green (39%)

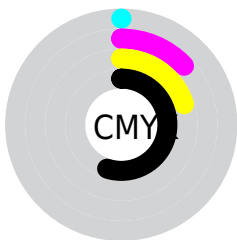
Blue (36%)



Red (45%)

Yellow (40%)

Blue (36%)

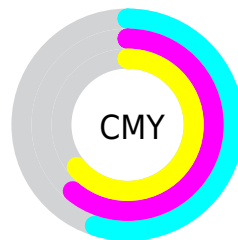


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7496539 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 7496539 by changing the saturation by 10% instead.





7496539



7496539

16777215



5851972



10917517



4338989



12693671



2826009



14535875



1574656



16443615



0



16777211



7496539



7496539



7494736



7498342



7492676



7500402

■ 7490873

■ 7502205

■ 7488813

■ 7504265

■ 7487010

■ 7506068

■ 7484951

■ 7508127

■ 7483147

■ 7509931

■ 7481344

■ 7511734

■ 7513794

# Harmonies

## Analogous

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



7627360



7496539



7103833

# Triad

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



7496539



5728869



6710386

# Complementary

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



7496539



5991026

# 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.



6186867



7496539



5597803

# Square

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



7496539



6121822



5728625



7234414

# Rectangle

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



7496539



6842201



5728625



6514035



# Sweetspot

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



7496539



9735819



7494506



4867909



13224393



4868682



# Same Dimension

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



7496539



9731440



7499355



3683378



7875072



16209408



# Inverse Universe

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



5991026



7374996



5988210



3290680



20088



41463



# Previews

## White Background



This preview shows how the Decimal color 7496539 looks on a white background.

## Color Contrast Check

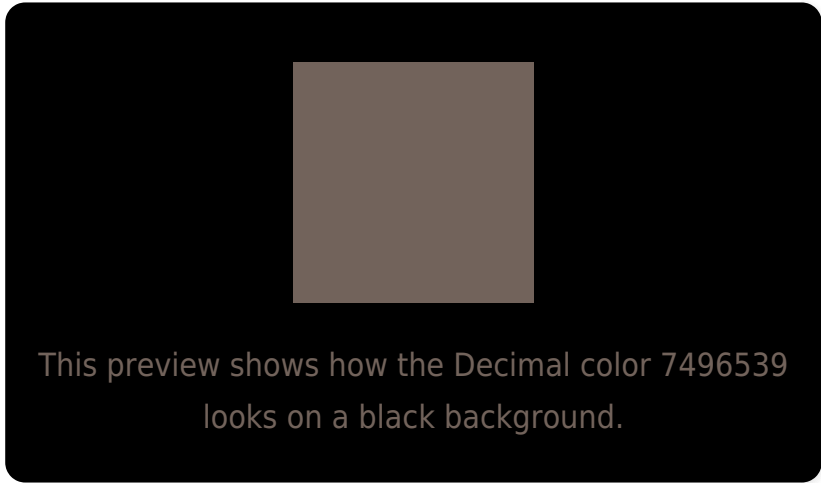
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

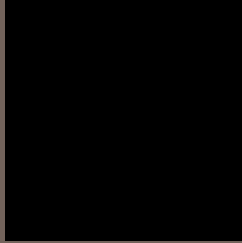
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7496539 Background



This preview shows how black text looks on a background with the Decimal color 7496539.



This preview shows how white text looks on a background with the Decimal color 7496539.

# 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**


7496539

**Protanopia**

6973020

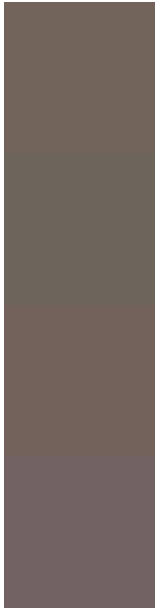
**Deuteranopia**

7627355



**Tritanopia**  
7627113

# Trichromacy



**Original Color**

7496539

**Protanomaly**

7169372

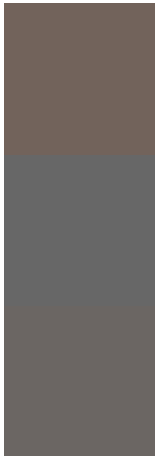
**Deuteranomaly**

7561819

**Tritanomaly**

7561828

# Monochromacy



**Original Color**

7496539

**Achromatopsia**

6776679

**Achromatomaly**

7038563

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7496539 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 #72635B looks like.

```
.text, #text, p{  
    color:#72635B  
}
```

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 #72635B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72635B
}
```

## Border

The CSS property to change the border of an element to Decimal 7496539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

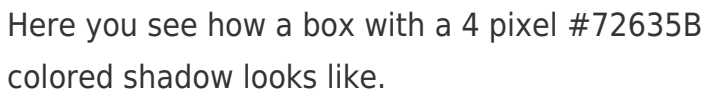
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72635B }
```

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

```
.border{ border-color:#72635B }
```

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



Here you see how a box with a 4 pixel #72635B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72635B; -webkit-box-shadow:4px 4px  
4px 4px #72635B; box-shadow:4px 4px 4px  
4px #72635B }
```

# Background

The CSS property to change the background color of an element to Decimal 7496539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72635B }
```

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

```
.background{ background-color:#72635B }
```

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