

# Converting Colors

Decimal(6770749)

Have a look what the booklet for  
Decimal(6770749) contains.

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# Color

**Decimal(6770749)**

# Conversions

Conversions Part 1	
Format	Color
Hex	67503D
RGB	103, 80, 61
RGB Percent	40%, 31%, 24%
CMY	0.5961, 0.6863, 0.7608
CMYK	0.00, 0.22, 0.41, 0.60
HSL	27°, 26%, 32%
HSV	27°, 41%, 40%
XYZ	9.3045, 8.9578, 5.6535
YIQ	84.7110, 19.8070, -1.0330

# Conversions

## Conversions Part 2

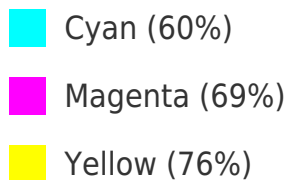
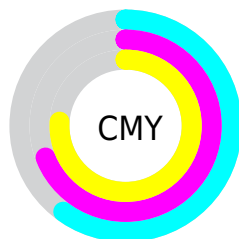
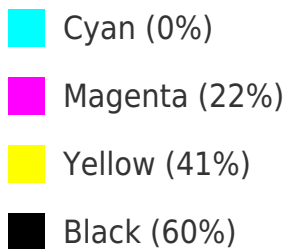
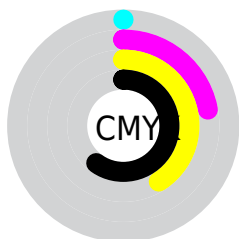
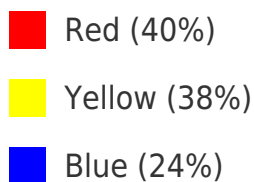
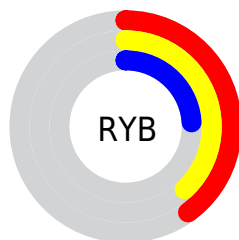
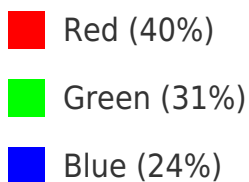
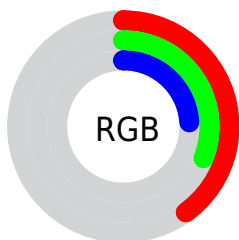
Format	Color
<a href="#">RYB</a>	<a href="#">103, 96, 61</a>
Decimal	<a href="#">6770749</a>
CIELab	<a href="#">35.90, 6.72, 14.87</a>
CIELCh	<a href="#">36, 16.322, 65.692</a>
Yxy	<a href="#">8.9578, 0.3891, 0.3746</a>
Android (android.graphics.Color)	<a href="#">4284960829</a> (0xFF67503D)
YUV	<a href="#">84.7110, -11.6895, 16.0395</a>
Hunter-Lab	<a href="#">29.9296, 3.1151, 9.7512</a>

# Details

The Decimal color **6770749** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4019303**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **10191213**, and **3613715** is the 20% darker color. If you saturate the color by 10%, you get **6769203**, and if you desaturate by 10%, it is **6772295**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Decimal color 6770749 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 6770749 by changing the saturation by 10% instead.




 6770749

 6770749


16777215

 5126439

 10191213

 3613715

 11967366

 2166528


 13809312

 0

 15717051

 16772823

 16777203

 6770749

 6770749

 6769203

 6772295

 6767912

 6773586

 6766366

 6775132

 6764820

 6776678

 6763530

 6777969

 6762240

 6779515

 6780805

 6782351

 6783898

# Harmonies

## Analogous

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



7228486



6770749



5985338

# Triad

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



6770749



3234903



5918826

# Complementary

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



6770749



4019303

# 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.



4740462



6770749



2972515

# Square

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



6770749



4086601



3561836



6769759

# Rectangle

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



6770749



5396285



3561836



5526124



# Sweetspot

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



6770749



8879735



6765908



4538427



12895428



4539717



# Same Dimension

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



6770749



8872773



6776125



3354670



7549952



15887872



# Inverse Universe

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



4019303



4548999



4013927



3027251



16243

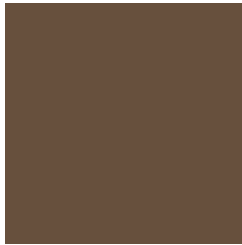


34290



# Previews

## White Background



This preview shows how the Decimal color 6770749 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 ✓ Pass

# Black Background



This preview shows how the Decimal color 6770749  
looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

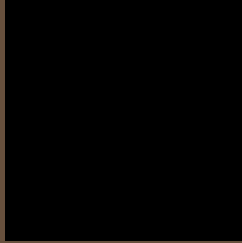
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6770749 Background



This preview shows how black text looks on a background with the Decimal color 6770749.

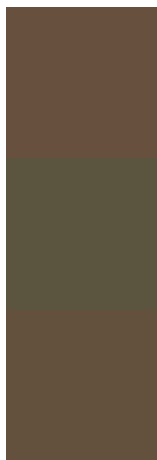


This preview shows how white text looks on a background with the Decimal color 6770749.

# 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**

6770749

**Protanopia**

5985599

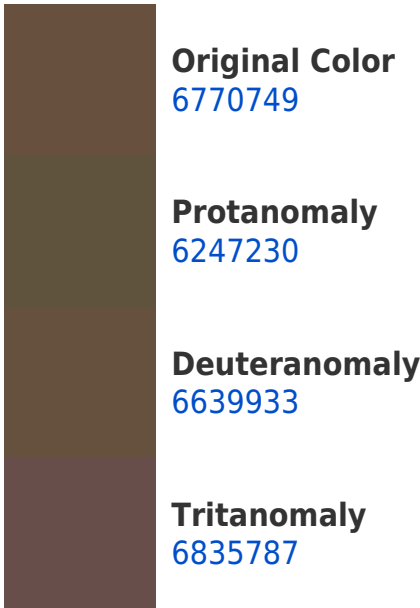
**Deuteranopia**

6574397

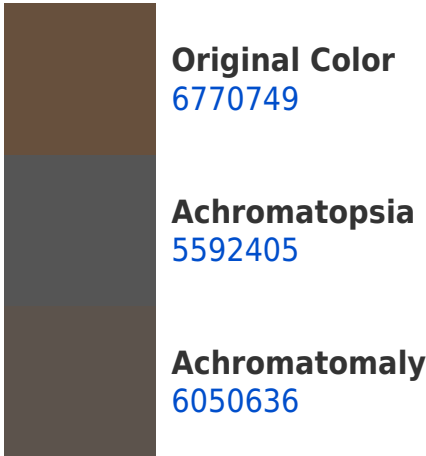


**Tritanopia**  
6901075

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6770749 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 #67503D looks like.

```
.text, #text, p{  
    color:#67503D  
}
```

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 #67503D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67503D
}
```

## Border

The CSS property to change the border of an element to Decimal 6770749 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
#67503D }
```

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

```
.border{ border-color:#67503D }
```

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

Here you see how a box with a 4 pixel #67503D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67503D; -webkit-box-shadow:4px 4px  
4px 4px #67503D; box-shadow:4px 4px 4px  
4px #67503D }
```

# Background

The CSS property to change the background color of an element to Decimal 6770749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67503D }
```

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

```
.background{ background-color:#67503D }
```

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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