

# Converting Colors

Decimal(8022377)

Have a look what the booklet for  
Decimal(8022377) contains.

<b>Decimal(8022377)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(8022377)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6969
RGB	122, 105, 105
RGB Percent	48%, 41%, 41%
CMY	0.5216, 0.5882, 0.5882
CMYK	0.00, 0.14, 0.14, 0.52
HSL	0°, 7%, 45%
HSV	0°, 14%, 48%
XYZ	15.6274, 15.2606, 15.4865
YIQ	110.0830, 10.1320, 3.6040

# Conversions

## Conversions Part 2

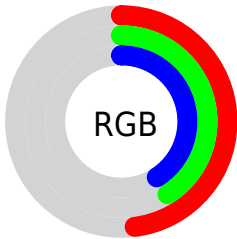
Format	Color
<b>R<sub>YB</sub></b>	122, 105, 105
Decimal	8022377
CIE Lab	45.99, 6.72, 2.48
CIE LCh	46, 7.165, 20.243
Yxy	15.2606, 0.3370, 0.3291
Android (android.graphics.Color)	4286212457 (0xFF7A6969)
YUV	110.0830, -2.5059, 10.4512
Hunter-Lab	39.0649, 3.0432, 3.8410

# Details

The Decimal color **8022377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6912634**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **11508892**, and **4799034** is the 20% darker color. If you saturate the color by 10%, you get **8019293**, and if you desaturate by 10%, it is **8025461**.

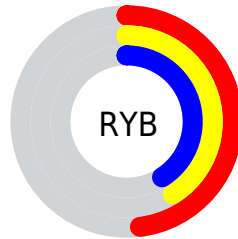
# Distribution



Red (48%)

Green (41%)

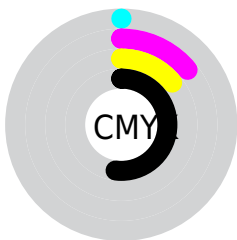
Blue (41%)



Red (48%)

Yellow (41%)

Blue (41%)

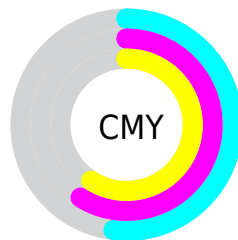


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (52%)



Cyan (52%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8022377 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 8022377 by changing the saturation by 10% instead.





8022377



8022377

16777215



6377809



11508892



4799034



13285303



3286052



15127507



1969935



16773103



0



8022377



8022377



8019293



8025461



8016209



8028545



8012868



8031886

8009784

8034970

8006700

8038054

8003616

8041138

8000532

8044222

7997191

8047563

7995392

8050647

# Harmonies

## Analogous

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



7891311



8022377



7891556

# Triad

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



8022377



6778725



6581881

# Complementary

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



8022377



6912634

# 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.



6254710



8022377



6385771

# Square

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



8022377



7171682



6189169



7105656

# Rectangle

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



8022377



7760738



6189169



6451064



# Sweetspot

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



8022377



10393752



8022394



5196619



13619151



5197647



# Same Dimension

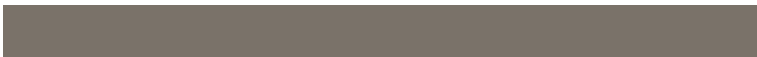
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8022377



10388355



8024681



4011831



8192000



16515072



# Inverse Universe

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



6912634



8625822



6910586



3620157



32125



64764



# Previews

## White Background



This preview shows how the Decimal color 8022377 looks on a white background.

## Color Contrast Check

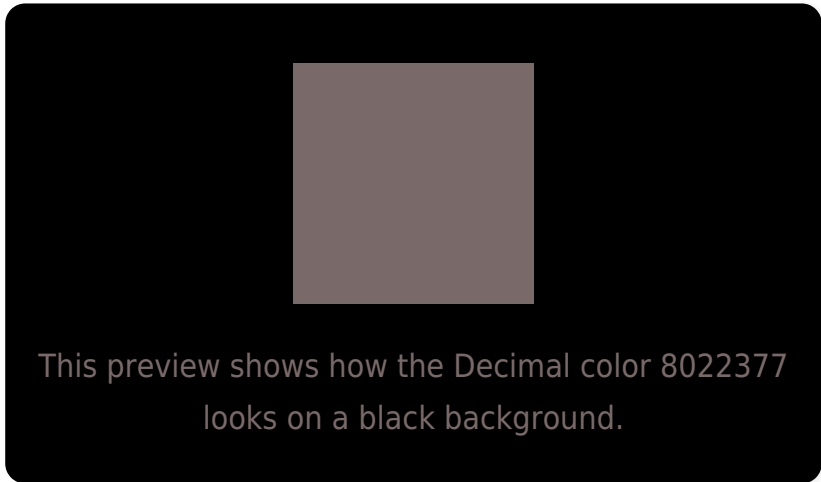
Large Text (above 18pt) WCAG AA ✓ Pass

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

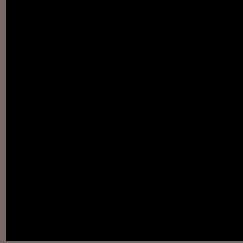
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8022377 Background



This preview shows how black text looks on a background with the Decimal color 8022377.



This preview shows how white text looks on a background with the Decimal color 8022377.

# 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**  
8022377

**Protanopia**  
7302507

**Deuteranopia**  
7956841



**Tritanopia**  
8087664

# Trichromacy



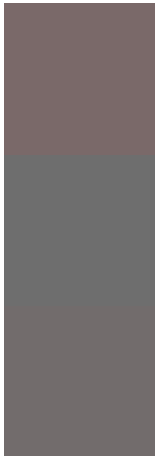
**Original Color**  
8022377

**Protanomaly**  
7564394

**Deuteranomaly**  
7956841

**Tritanomaly**  
8087661

# Monochromacy



**Original Color**  
8022377

**Achromatopsia**  
7237230

**Achromatomaly**  
7498860

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8022377 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 #7A6969 looks like.

```
.text, #text, p{  
  color:#7A6969  
}
```

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 #7A6969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6969
}
```

## Border

The CSS property to change the border of an element to Decimal 8022377 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".

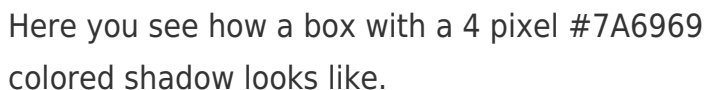
```
.border, #border, table{ border:4px solid
#7A6969 }
```

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

```
.border{ border-color:#7A6969 }
```

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

Here you see how a box with a 4 pixel #7A6969 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6969; -webkit-box-shadow:4px 4px  
4px 4px #7A6969; box-shadow:4px 4px 4px  
4px #7A6969 }
```

# Background

The CSS property to change the background color of an element to Decimal 8022377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6969 }
```

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

```
.background{ background-color:#7A6969 }
```

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