

# Converting Colors

Decimal(4797999)

Have a look what the booklet for  
Decimal(4797999) contains.

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# Color

**Decimal(4797999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49362F
RGB	73, 54, 47
RGB Percent	29%, 21%, 18%
CMY	0.7137, 0.7882, 0.8157
CMYK	0.00, 0.26, 0.36, 0.71
HSL	16°, 22%, 24%
HSV	16°, 36%, 29%
XYZ	4.5799, 4.2600, 3.2702
YIQ	58.8830, 13.5710, 1.8510

# Conversions

## Conversions Part 2

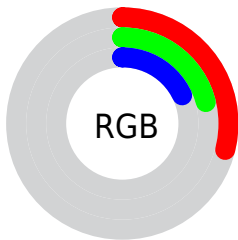
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	73, 57, 47
Decimal	4797999
CIE Lab	24.51, 7.32, 7.68
CIE LCh	25, 10.612, 46.380
Yxy	4.2600, 0.3782, 0.3518
Android (android.graphics.Color)	4282988079 (0xFF49362F)
YUV	58.8830, -5.8583, 12.3806
Hunter-Lab	20.6399, 3.4888, 5.0539

# Details

The Decimal color **4797999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3097161**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **8021341**, and **2034176** is the 20% darker color. If you saturate the color by 10%, you get **4796712**, and if you desaturate by 10%, it is **4799286**.

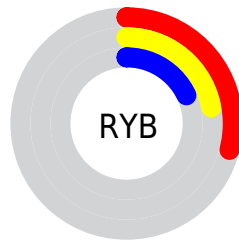
# Distribution



Red (29%)

Green (21%)

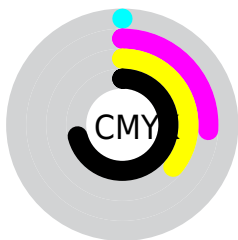
Blue (18%)



Red (29%)

Yellow (22%)

Blue (18%)

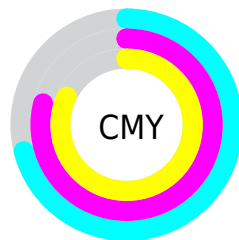


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (71%)



Cyan (71%)

Magenta (79%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4797999 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 4797999 by changing the saturation by 10% instead.





4797999



4797999

16777215



3285274



8021341



2034176



9731701



0



11507855



13349546



15191749



16771809

16777213



4797999



4797999

■ 4796712

■ 4799286

■ 4795168

■ 4800830

■ 4793881

■ 4802117

■ 4792594

■ 4803404

■ 4791051

■ 4804948

■ 4789763

■ 4806235

■ 4789248

■ 4807522

■ 4809065

■ 4810353

# Harmonies

## Analogous

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



4928822



4797999



4470827

# Triad

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



4797999



2768694



3619145

# Complementary

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



4797999



3097161

# 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.



2899018



4797999



2375486

# Square

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



4797999



3357999



2440773



4273989

# Rectangle

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



4797999



4078122



2440773



3357258



# Sweetspot

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



4797999



6182740



4796226



3157034



11579568



3158064



# Same Dimension

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



4797999



6177078



4801327



2367776



6494976



14892288



# Inverse Universe

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



3097161



3560286



3093833



2106148



18787



42723



# Previews

## White Background



This preview shows how the Decimal color 4797999 looks on a white background.

## Color Contrast Check

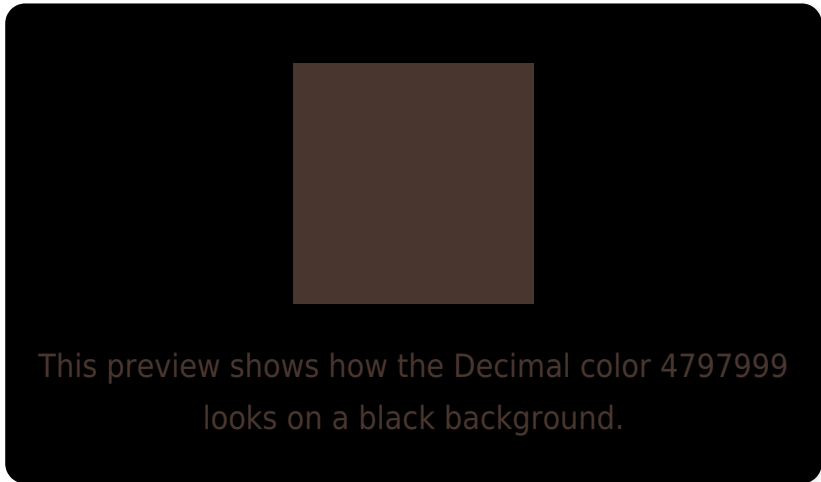
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

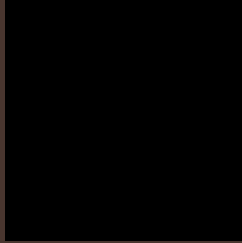
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4797999 Background



This preview shows how black text looks on a background with the Decimal color 4797999.

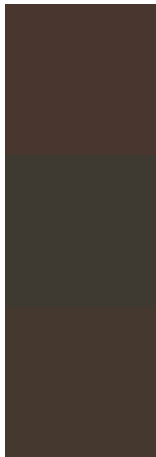


This preview shows how white text looks on a background with the Decimal color 4797999.

# 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](#).

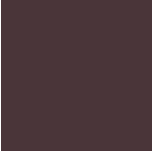
## Dichromacy



**Original Color**  
4797999

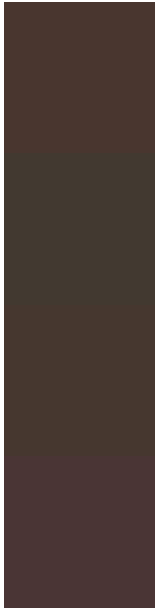
**Protanopia**  
4078129

**Deuteranopia**  
4470831



**Tritanopia**  
4863289

# Trichromacy



**Original Color**

4797999

**Protanomaly**

4340016

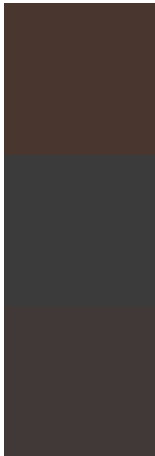
**Deuteranomaly**

4601647

**Tritanomaly**

4863285

# Monochromacy



**Original Color**

4797999

**Achromatopsia**

3881787

**Achromatomaly**

4208951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4797999 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 #49362F looks like.

```
.text, #text, p{  
    color:#49362F  
}
```

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 #49362F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49362F
}
```

## Border

The CSS property to change the border of an element to Decimal 4797999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

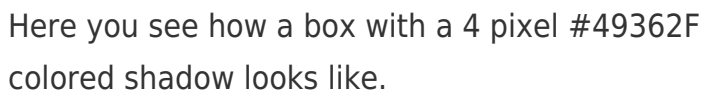
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49362F }
```

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

```
.border{ border-color:#49362F }
```

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



Here you see how a box with a 4 pixel #49362F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49362F; -webkit-box-shadow:4px 4px  
4px 4px #49362F; box-shadow:4px 4px 4px  
4px #49362F }
```

# Background

The CSS property to change the background color of an element to Decimal 4797999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49362F }
```

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

```
.background{ background-color:#49362F }
```

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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