

Converting Colors

Decimal(4799312)

Have a look what the booklet for
Decimal(4799312) contains.

Decimal(4799312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4799312)

Conversions

Conversions Part 1

Format	Color
Hex	493B50
RGB	73, 59, 80
RGB Percent	29%, 23%, 31%
CMY	0.7137, 0.7686, 0.6863
CMYK	0.09, 0.26, 0.00, 0.69
HSL	280°, 15%, 27%
HSV	280°, 26%, 31%
XYZ	5.7596, 5.1236, 8.2748
YIQ	65.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

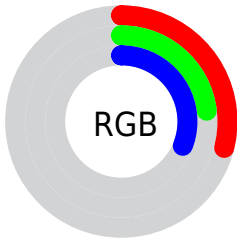
Format	Color
R_{YB}	73, 59, 80
Decimal	4799312
CIE _{Lab}	27.08, 10.68, -10.43
CIE _{LCh}	27, 14.933, 315.681
Yxy	5.1236, 0.3006, 0.2674
Android (android.graphics.Color)	4282989392 (0xFF493B50)
YUV	65.5800, 7.1091, 6.5073
Hunter-Lab	22.6353, 5.8077, -5.8299

Details

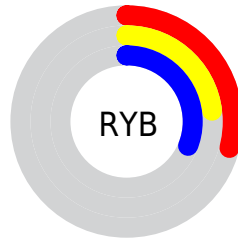
The Decimal color **4799312** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4345915**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **8022657**, and **1904931** is the 20% darker color. If you saturate the color by 10%, you get **4600656**, and if you desaturate by 10%, it is **4997968**.

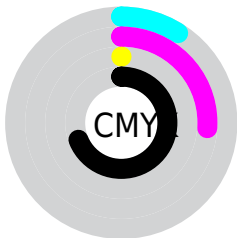
Distribution



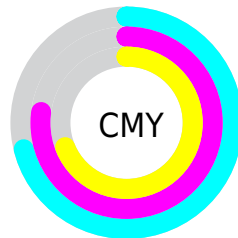
- Red (29%)
- Green (23%)
- Blue (31%)



- Red (29%)
- Yellow (23%)
- Blue (31%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4799312 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 4799312 by changing the saturation by 10% instead.



4799312



4799312

16777215



3286329



8022657



1904931



9733275



269



11443894



0



13285842



15127790



16773631



4799312



4799312



4600656



4997968

■ 4467536

■ 5131088

■ 4268880

■ 5329744

■ 4070224

■ 5528400

■ 3937104

■ 5661520

■ 3738448

■ 5860176

■ 3539792

■ 6058832

■ 3473488

■ 6191952

■ 6390608

Harmonies

Analogous

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



3817302



4799312



5453894

Triad

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



4799312



5061930



1918534

Complementary

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



4799312



4345915

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.



2639418



4799312



4342058

Square

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



4799312



5519920



3490864



1918288

Rectangle

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



4799312



5650238



3490864



2115138

Sweetspot

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



4799312



6709353



3883600



3420214



11908533



3552822

Same Dimension

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



4799312



6113129



5258061



2565417



4587625



10158312

Inverse Universe

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



5258050



6899538



3887166



2696486



6881315



15204429

Previews

White Background



This preview shows how the Decimal color 4799312 looks on a white background.

Color Contrast Check

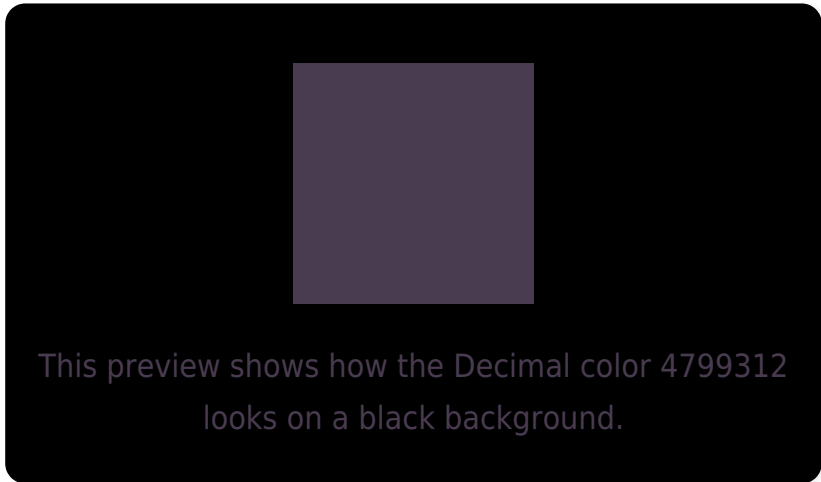
Large Text (above 18pt) WCAG AA ✓ Pass

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

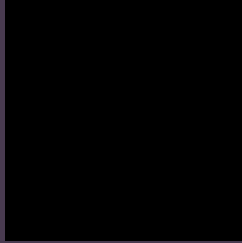
Any Text WCAG AA × Fail

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 4799312 Background



This preview shows how black text looks on a background with the Decimal color 4799312.

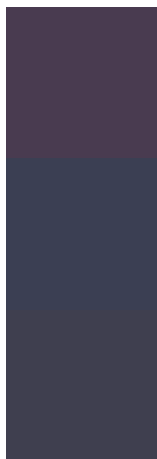


This preview shows how white text looks on a background with the Decimal color 4799312.

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](#).

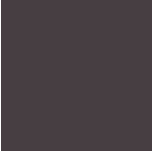
Dichromacy



Original Color
4799312

Protanopia
3882835

Deuteranopia
4144975



Tritanopia
4668994

Trichromacy



Original Color

4799312

Protanomaly

4210258

Deuteranomaly

4406863

Tritanomaly

4734279

Monochromacy



Original Color

4799312

Achromatopsia

4342338

Achromatomaly

4538183

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4799312 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 #493B50 looks like.

```
.text, #text, p{  
    color:#493B50  
}
```

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 #493B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B50
}
```

Border

The CSS property to change the border of an element to Decimal 4799312 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
#493B50 }
```

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

```
.border{ border-color:#493B50 }
```

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

Here you see how a box with a 4 pixel #493B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B50; -webkit-box-shadow:4px 4px  
4px 4px #493B50; box-shadow:4px 4px 4px  
4px #493B50 }
```

Background

The CSS property to change the background color of an element to Decimal 4799312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B50 }
```

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

```
.background{ background-color:#493B50 }
```

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