

Converting Colors

Decimal(4799299)

Have a look what the booklet for
Decimal(4799299) contains.

Decimal(4799299)	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(4799299)

Conversions

Conversions Part 1

Format	Color
Hex	493B43
RGB	73, 59, 67
RGB Percent	29%, 23%, 26%
CMY	0.7137, 0.7686, 0.7373
CMYK	0.00, 0.19, 0.08, 0.71
HSL	326°, 11%, 26%
HSV	326°, 19%, 29%
XYZ	5.3247, 4.9496, 5.9849
YIQ	64.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

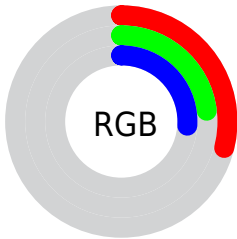
Format	Color
R_{YB}	73, 59, 67
Decimal	4799299
CIE Lab	26.59, 7.74, -2.61
CIE LCh	27, 8.166, 341.351
Yxy	4.9496, 0.3275, 0.3044
Android (android.graphics.Color)	4282989379 (0xFF493B43)
YUV	64.0980, 1.4307, 7.8071
Hunter-Lab	22.2478, 3.7881, -0.3763

Details

The Decimal color **4799299** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3885377**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **8022643**, and **1904920** is the 20% darker color. If you saturate the color by 10%, you get **4797504**, and if you desaturate by 10%, it is **4801094**.

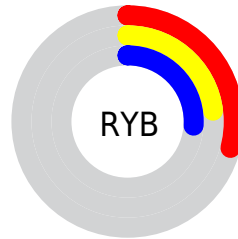
Distribution



 Red (29%)

 Green (23%)

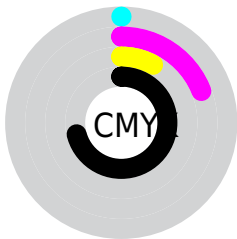
 Blue (26%)



 Red (29%)

 Yellow (23%)

 Blue (26%)

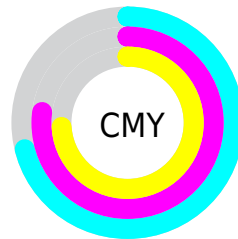


 Cyan (0%)

 Magenta (19%)

 Yellow (8%)

 Black (71%)



 Cyan (71%)

 Magenta (77%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4799299 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 4799299 by changing the saturation by 10% instead.



4799299



4799299

16777215



3286317



8022643



1904920



9667468



0



11443879



13285570



15127774



16773370



4799299



4799299



4797504



4801094

■ 4795453

■ 4803145

■ 4793658

■ 4804940

■ 4791862

■ 4806736

■ 4789811

■ 4808787

■ 4788016

■ 4810582

■ 4786221

■ 4812377

■ 4784426

■ 4814172

■ 4784170

■ 4816223

Harmonies

Analogous

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



4406600



4799299



4995901

Triad

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



4799299



4276019



3097159

Complementary

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



4799299



3885377

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.



3097409



4799299



3817781

Square

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



4799299



4668723



3424827



3359050

Rectangle

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



4799299



4995897



3424827



3031621

Sweetspot

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



4799299



6183260



4275017



3157295



11579568



3158064

Same Dimension

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



4799299



6179157



4799292



2367522



6488121



14876802

Inverse Universe

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



4799299



6179157



3885384



2367522



6488121



14876802

Previews

White Background



This preview shows how the Decimal color 4799299 looks on a white background.

Color Contrast Check

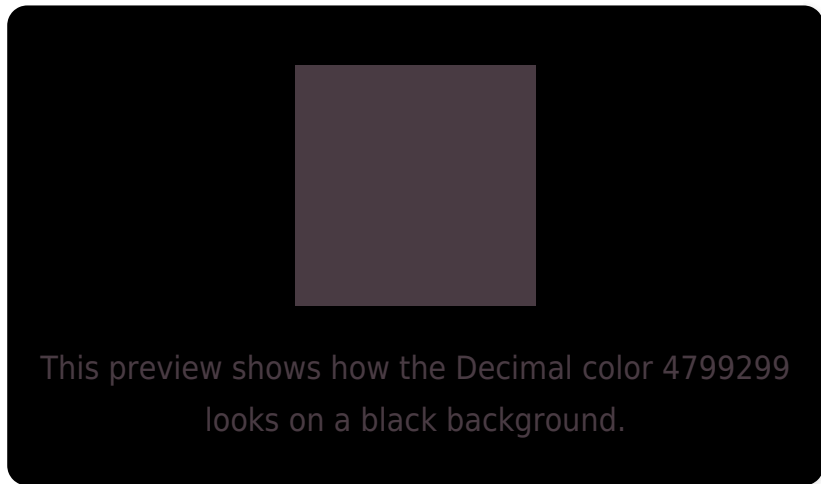
Large Text (above 18pt) WCAG AA ✓ Pass

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

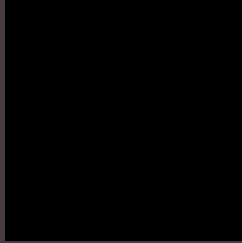
Any Text WCAG AA × Fail

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 4799299 Background



This preview shows how black text looks on a background with the Decimal color 4799299.

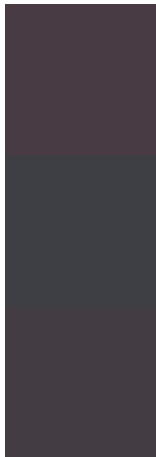


This preview shows how white text looks on a background with the Decimal color 4799299.

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
4799299

Protanopia
4079429

Deuteranopia
4406595



Tritanopia
4799296

Trichromacy



Original Color

4799299

Protanomaly

4341316

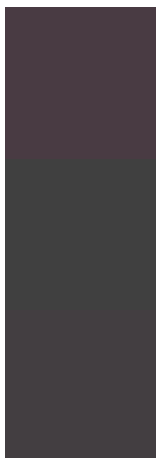
Deuteranomaly

4537411

Tritanomaly

4799297

Monochromacy



Original Color

4799299

Achromatopsia

4210752

Achromatomaly

4406849

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4799299 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 #493B43 looks like.

```
.text, #text, p{  
    color:#493B43  
}
```

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 #493B43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B43
}
```

Border

The CSS property to change the border of an element to Decimal 4799299 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
#493B43 }
```

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

```
.border{ border-color:#493B43 }
```

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

Here you see how a box with a 4 pixel #493B43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B43; -webkit-box-shadow:4px 4px  
4px 4px #493B43; box-shadow:4px 4px 4px  
4px #493B43 }
```

Background

The CSS property to change the background color of an element to Decimal 4799299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B43 }
```

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

```
.background{ background-color:#493B43 }
```

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