

Converting Colors

Decimal(4799842)

Have a look what the booklet for
Decimal(4799842) contains.

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Color

Decimal(4799842)

Conversions

Conversions Part 1

Format	Color
Hex	493D62
RGB	73, 61, 98
RGB Percent	29%, 24%, 38%
CMY	0.7137, 0.7608, 0.6157
CMYK	0.26, 0.38, 0.00, 0.62
HSL	259°, 23%, 31%
HSV	259°, 38%, 38%
XYZ	6.6210, 5.6358, 12.2941
YIQ	68.8060, -4.7250, 14.0510

Conversions

Conversions Part 2

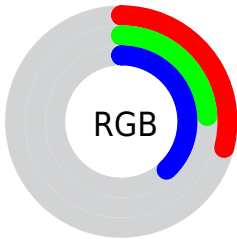
Format	Color
R_YB	73, 61, 98
Decimal	4799842
CIE Lab	28.47, 14.03, -19.99
CIE LCh	28, 24.420, 305.069
Yxy	5.6358, 0.2697, 0.2296
Android (android.graphics.Color)	4282989922 (0xFF493D62)
YUV	68.8060, 14.3926, 3.6781
Hunter-Lab	23.7398, 8.2387, -14.0866

Details

The Decimal color **4799842** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5661245**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **8023445**, and **1839923** is the 20% darker color. If you saturate the color by 10%, you get **4338530**, and if you desaturate by 10%, it is **5261154**.

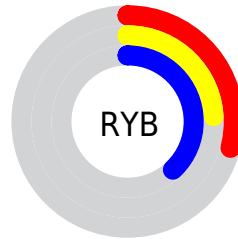
Distribution



Red (29%)

Green (24%)

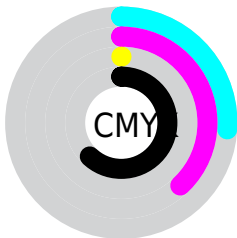
Blue (38%)



Red (29%)

Yellow (24%)

Blue (38%)

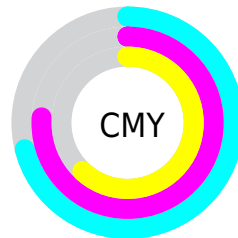


Cyan (26%)

Magenta (38%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (76%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4799842 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 4799842 by changing the saturation by 10% instead.

■ 4799842

■ 4799842

16777215

■ 3286858

■ 8023445

■ 1839923

■ 9733808

■ 30

■ 11509963

■ 0

■ 13351911

■ 15194111

■ 16774143

■ 4799842

■ 4799842

■ 4338530

■ 5261154

■ 3942754

■ 5656930

■ 3481698

■ 6117986

■ 3085922

■ 6513762

■ 2624610

■ 6975074

■ 2163298

■ 7436386

■ 2097250

■ 7832162

■ 8293218

■ 8754530

Harmonies

Analogous

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



2770024



4799842



6108755

Triad

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



4799842



5979169



19782

Complementary

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



4799842



5661245

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.



2051123



4799842



4997917

Square

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



4799842



6633007



3688483



19544

Rectangle

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



4799842



6566983



3688483



150847

Sweetspot

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



4799842



7762304



4019810



3815232



12566463



4210752

Same Dimension

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



4799842



5850752



5979490



2960432



2359408



5112048

Inverse Universe

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



6438230



8406637



4481597



3157039



7340108



15728802

Previews

White Background



This preview shows how the Decimal color 4799842 looks on a white background.

Color Contrast Check

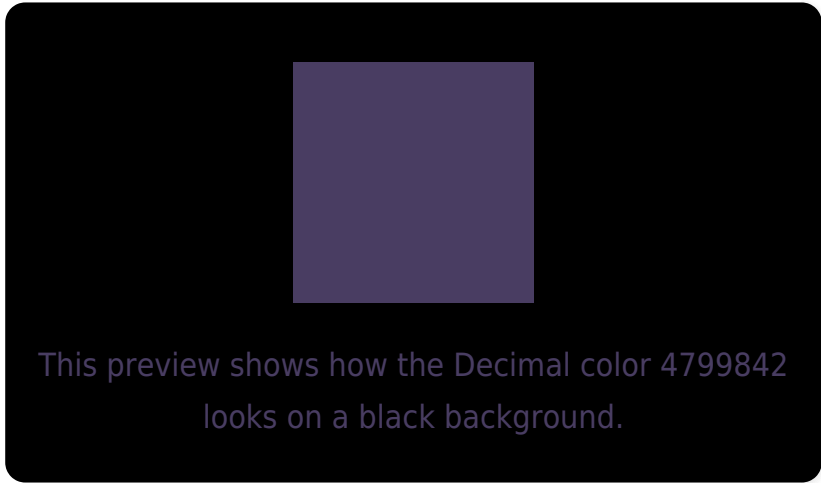
Large Text (above 18pt) WCAG AA ✓ Pass

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

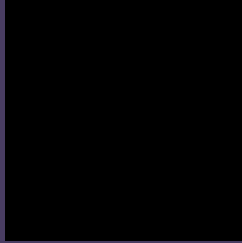
Any Text WCAG AA × Fail

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 4799842 Background



This preview shows how black text looks on a background with the Decimal color 4799842.



This preview shows how white text looks on a background with the Decimal color 4799842.

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

4799842

Protanopia

3621478

Deuteranopia

3687265



Tritanopia
4473416

Trichromacy



Original Color
4799842

Protanomaly
4079717

Deuteranomaly
4079969

Tritanomaly
4603985

Monochromacy



Original Color
4799842

Achromatopsia
4539717

Achromatomaly
4604496

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4799842 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 #493D62 looks like.

```
.text, #text, p{  
  color:#493D62  
}
```

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 #493D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493D62
}
```

Border

The CSS property to change the border of an element to Decimal 4799842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

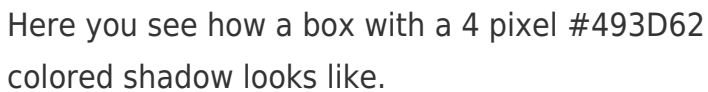
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493D62 }
```

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

```
.border{ border-color:#493D62 }
```

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



Here you see how a box with a 4 pixel #493D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493D62; -webkit-box-shadow:4px 4px  
4px 4px #493D62; box-shadow:4px 4px 4px  
4px #493D62 }
```

Background

The CSS property to change the background color of an element to Decimal 4799842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493D62 }
```

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

```
.background{ background-color:#493D62 }
```

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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