

Converting Colors

Decimal(4790873)

Have a look what the booklet for
Decimal(4790873) contains.

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Color

Decimal(4790873)

Conversions

Conversions Part 1

Format	Color
Hex	491A59
RGB	73, 26, 89
RGB Percent	29%, 10%, 35%
CMY	0.7137, 0.8980, 0.6510
CMYK	0.18, 0.71, 0.00, 0.65
HSL	285°, 55%, 23%
HSV	285°, 71%, 35%
XYZ	4.9202, 2.8765, 9.7471
YIQ	47.2350, 7.7890, 29.5570

Conversions

Conversions Part 2

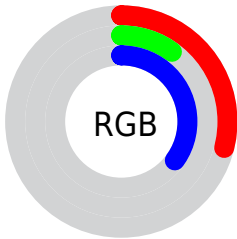
Format	Color
R_{YB}	73, 26, 89
Decimal	4790873
CIE _{Lab}	19.54, 33.15, -28.19
CIE _{LCh}	20, 43.511, 319.621
Yxy	2.8765, 0.2805, 0.1640
Android (android.graphics.Color)	4282980953 (0xFF491A59)
YUV	47.2350, 20.5901, 22.5959
Hunter-Lab	16.9603, 22.1026, -22.2017

Details

The Decimal color **4790873** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2775322**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **8145291**, and **2031659** is the 20% darker color. If you saturate the color by 10%, you get **4657497**, and if you desaturate by 10%, it is **4924249**.

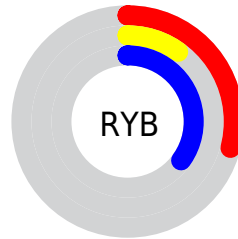
Distribution



Red (29%)

Green (10%)

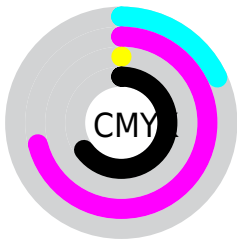
Blue (35%)



Red (29%)

Yellow (10%)

Blue (35%)

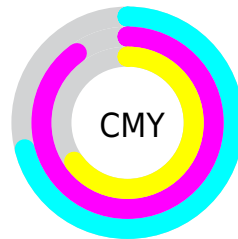


Cyan (18%)

Magenta (71%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (90%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4790873 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 4790873 by changing the saturation by 10% instead.



4790873



4790873

16777215



3211841



8145291



2031659



9855654



277



11697345



0



13539037



15380986



16764415



16771583



4790873



4790873

■ 4657497

■ 4924249

■ 4458585

■ 5123161

■ 4325465

■ 5256537

■ 5389913

■ 5523289

■ 5721945

■ 5855321

■ 5988697

■ 6122073

Harmonies

Analogous

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



11372



4790873



6357308

Triad

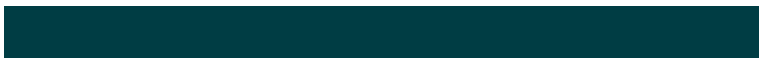
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4790873



4532736



15684

Complementary

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



4790873



2775322

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.



15395



4790873



2634752

Square

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



4790873



5904640



14592



15200

Rectangle

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



4790873



6619175



14592



15417

Sweetspot

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



4790873



7166835



1715033



3615803



12237498



3881787

Same Dimension

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



4790873



5902707



5839434



2762539



5242987



11469035

Inverse Universe

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



5839402



7541034



1726761



2828072



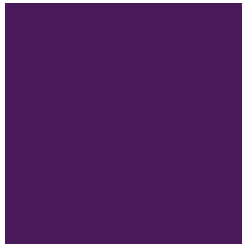
7012379



15401020

Previews

White Background



This preview shows how the Decimal color 4790873 looks on a white background.

Color Contrast Check

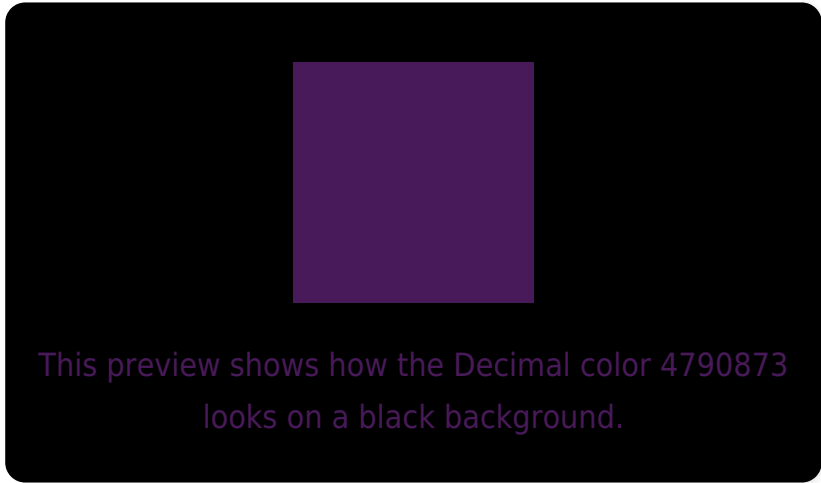
Large Text (above 18pt) WCAG AA ✓ Pass

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

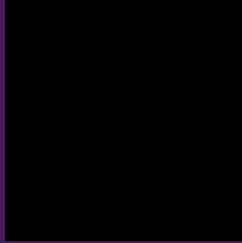
Any Text WCAG AA × Fail

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 4790873 Background



This preview shows how black text looks on a background with the Decimal color 4790873.



This preview shows how white text looks on a background with the Decimal color 4790873.

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](#).

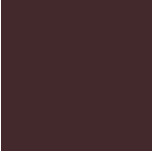
Dichromacy



Original Color
4790873

Protanopia
12131

Deuteranopia
1192277



Tritanopia
4401452

Trichromacy



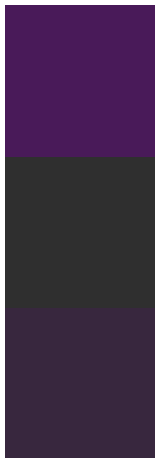
Original Color
4790873

Protanomaly
1779551

Deuteranomaly
2500950

Tritanomaly
4531260

Monochromacy



Original Color
4790873

Achromatopsia
3092271

Achromatomaly
3680062

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4790873 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 #491A59 looks like.

```
.text, #text, p{  
    color:#491A59  
}
```

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 #491A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491A59
}
```

Border

The CSS property to change the border of an element to Decimal 4790873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

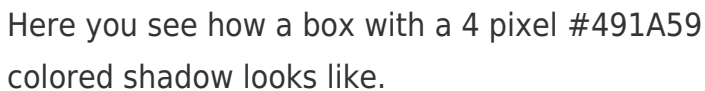
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491A59 }
```

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

```
.border{ border-color:#491A59 }
```

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



Here you see how a box with a 4 pixel #491A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491A59; -webkit-box-shadow:4px 4px  
4px 4px #491A59; box-shadow:4px 4px 4px  
4px #491A59 }
```

Background

The CSS property to change the background color of an element to Decimal 4790873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491A59 }
```

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

```
.background{ background-color:#491A59 }
```

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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