

Converting Colors

Decimal(4693927)

Have a look what the booklet for
Decimal(4693927) contains.

Decimal(4693927)	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(4693927)

Conversions

Conversions Part 1

Format	Color
Hex	479FA7
RGB	71, 159, 167
RGB Percent	28%, 62%, 65%
CMY	0.7216, 0.3765, 0.3451
CMYK	0.57, 0.05, 0.00, 0.35
HSL	185°, 40%, 47%
HSV	185°, 57%, 65%
XYZ	21.9717, 28.9259, 40.9844
YIQ	133.6000, -55.0160, -16.1680

Conversions

Conversions Part 2

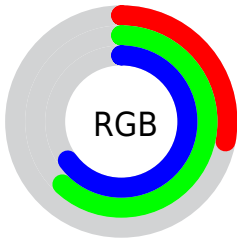
Format	Color
RYB	71, 117, 167
Decimal	4693927
CIELab	60.72, -23.81, -12.14
CIElCh	61, 26.724, 207.008
Yxy	28.9259, 0.2391, 0.3148
Android (android.graphics.Color)	4282884007 (0xFF479FA7)
YUV	133.6000, 16.4662, -54.9002
Hunter-Lab	53.7828, -21.1978, -7.5332

Details

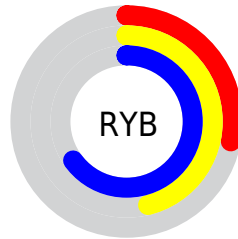
The Decimal color **4693927** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10964807**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **8443614**, and **27507** is the 20% darker color. If you saturate the color by 10%, you get **3579559**, and if you desaturate by 10%, it is **5808295**.

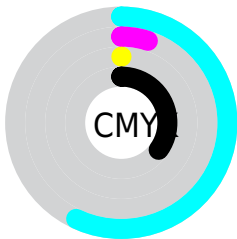
Distribution



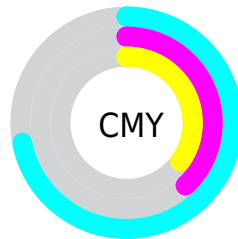
- Red (28%)
- Green (62%)
- Blue (65%)



- Red (28%)
- Yellow (46%)
- Blue (65%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4693927 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 4693927 by changing the saturation by 10% instead.



4693927



4693927

16777215



2590093



8443614



27507



10351355



21339



12189695



15171



14155775



9517



16056319



1561



0



4693927



4693927



3579559



5808295

■ 2530471

■ 6857383

■ 1416103

■ 7971751

■ 301479

■ 9086375

■ 39335

■ 10200743

■ 11249575

■ 12364199

■ 13478567

■ 14527655

Harmonies

Analogous

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



5742479



4693927



5348537

Triad

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



4693927



11437484



10850403

Complementary

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



4693927



10964807

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.



12093548



4693927



12485014

Square

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



4693927



9670076



12681854



9279336

Rectangle

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



4693927



6658240



12681854



11308389

Sweetspot

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



4693927



11851481



4695887



5794926



15592941



7237230

Same Dimension

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



4693927



4443353



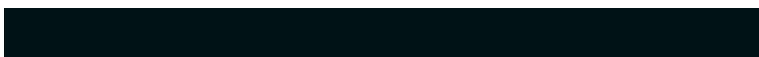
4681639



5002068



34964



4884

Inverse Universe

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



10962847



14238668



10977095



5524563



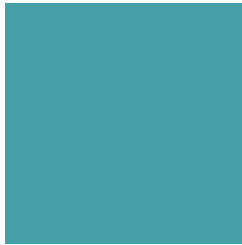
9699464



1310739

Previews

White Background



This preview shows how the Decimal color 4693927 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 4693927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

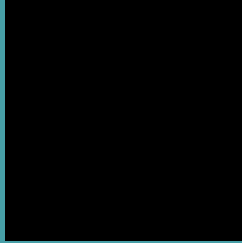
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 4693927 Background



This preview shows how black text looks on a background with the Decimal color 4693927.

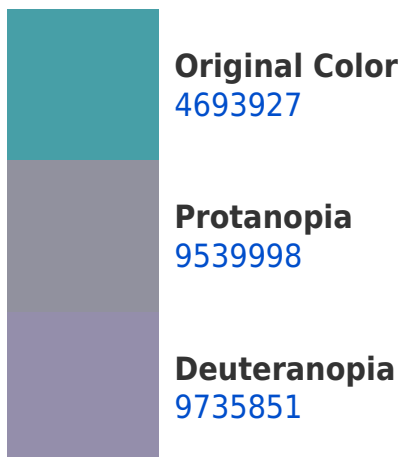


This preview shows how white text looks on a background with the Decimal color 4693927.

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





Tritanopia
4824747

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4693927 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 #479FA7 looks like.

```
.text, #text, p{  
    color:#479FA7  
}
```

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 #479FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479FA7
}
```

Border

The CSS property to change the border of an element to Decimal 4693927 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
#479FA7 }
```

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

```
.border{ border-color:#479FA7 }
```

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

Here you see how a box with a 4 pixel #479FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479FA7; -webkit-box-shadow:4px 4px  
4px 4px #479FA7; box-shadow:4px 4px 4px  
4px #479FA7 }
```

Background

The CSS property to change the background color of an element to Decimal 4693927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479FA7 }
```

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

```
.background{ background-color:#479FA7 }
```

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