

Converting Colors

Decimal(497271)

Have a look what the booklet for
Decimal(497271) contains.

Decimal(497271)	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(497271)

Conversions

Conversions Part 1

Format	Color
Hex	079677
RGB	7, 150, 119
RGB Percent	3%, 59%, 47%
CMY	0.9725, 0.4118, 0.5333
CMYK	0.95, 0.00, 0.21, 0.41
HSL	167°, 91%, 31%
HSV	167°, 95%, 59%
XYZ	14.3237, 23.1898, 21.1739
YIQ	103.7090, -75.2770, -39.9570

Conversions

Conversions Part 2

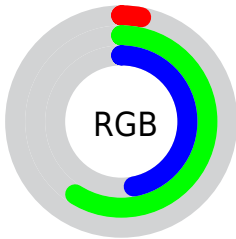
Format	Color
RYB	7, 87, 150
Decimal	497271
CIELab	55.27, -41.11, 7.00
CIELCh	55, 41.701, 170.332
Yxy	23.1898, 0.2441, 0.3951
Android (android.graphics.Color)	4278687351 (0xFF079677)
YUV	103.7090, 7.5385, -84.8138
Hunter-Lab	48.1558, -31.1785, 7.6395

Details

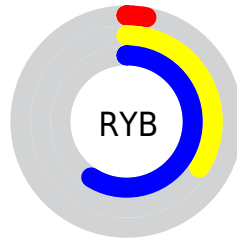
The Decimal color **497271** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9832230**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **5819819**, and **25159** is the 20% darker color. If you saturate the color by 10%, you get **38517**, and if you desaturate by 10%, it is **1480314**.

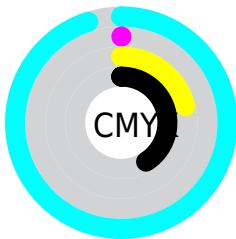
Distribution



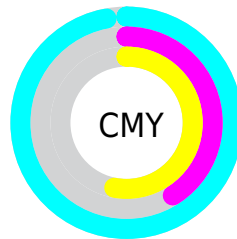
- Red (3%)
- Green (59%)
- Blue (47%)



- Red (3%)
- Yellow (34%)
- Blue (59%)



- Cyan (95%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (97%)
- Magenta (41%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 497271 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 497271 by changing the saturation by 10% instead.


 497271  497271

16777215  31838

 5819819  25159


 7793350  18736

 9699298  12827

 11599871  6913

 13565951  0

 15532031

 497271  497271

 38517  1480314

■ 2463358

■ 3446401

■ 4429444

■ 5412487

■ 6395531

■ 7378574

■ 8361617

■ 9344660

Harmonies

Analogous

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



5739093



497271



38812

Triad

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



497271



7634888



12415310

Complementary

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



497271



9832230

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.



13133677



497271



10908083

Square

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



497271



1805515



12674962



10780220

Rectangle

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



497271



38322



12674962



12807511

Sweetspot

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



497271



9093814



2659847



4153690



14737632



6381921

Same Dimension

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



497271



49816



487574



4409928



35436



2568

Inverse Universe

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



9832230



12714026



9841927



4866884



9043998



655362

Previews

White Background



This preview shows how the Decimal color 497271 looks on a white background.

Color Contrast Check

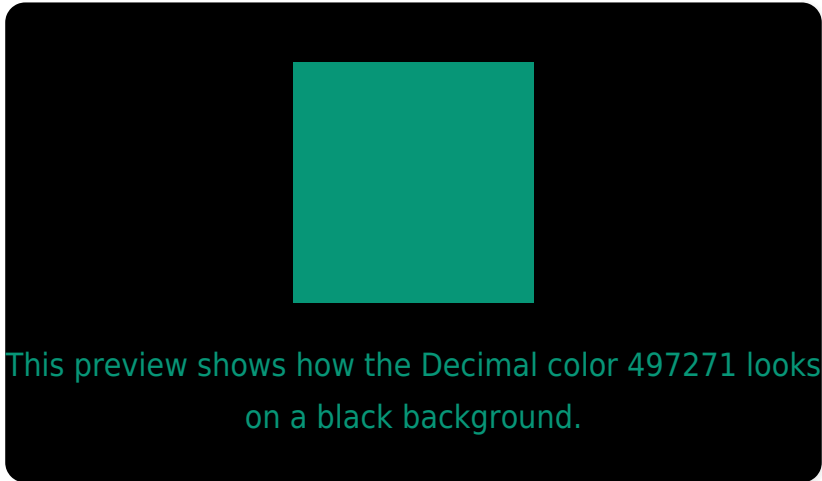
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 497271 Background



This preview shows how black text looks on a background with the Decimal color 497271.

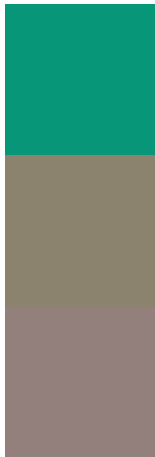


This preview shows how white text looks on a background with the Decimal color 497271.

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
497271

Protanopia
9143150

Deuteranopia
9666428

Trichromacy



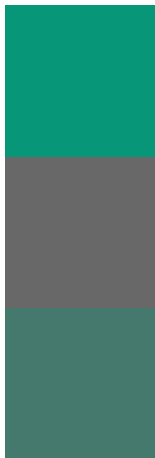
Original Color
497271

Protanomaly
5999217

Deuteranomaly
6326138

Tritanomaly
2134927

Monochromacy



Original Color
497271

Achromatopsia
6842472

Achromatomaly
4553069

CSS Examples

Text

The CSS property to change the color of the text to Decimal 497271 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 #079677 looks like.

```
.text, #text, p{  
    color:#079677  
}
```

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 #079677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #079677
}
```

Border

The CSS property to change the border of an element to Decimal 497271 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
#079677 }
```

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

```
.border{ border-color:#079677 }
```

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

Here you see how a box with a 4 pixel #079677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #079677; -webkit-box-shadow:4px 4px  
4px 4px #079677; box-shadow:4px 4px 4px  
4px #079677 }
```

Background

The CSS property to change the background color of an element to Decimal 497271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#079677 }
```

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

```
.background{ background-color:#079677 }
```

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