

Converting Colors

Decimal(4697513)

Have a look what the booklet for
Decimal(4697513) contains.

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Color

Decimal(4697513)

Conversions

Conversions Part 1

Format	Color
Hex	47ADA9
RGB	71, 173, 169
RGB Percent	28%, 68%, 66%
CMY	0.7216, 0.3216, 0.3373
CMYK	0.59, 0.00, 0.02, 0.32
HSL	178°, 42%, 48%
HSV	178°, 59%, 68%
XYZ	24.7035, 34.0913, 42.8144
YIQ	142.0460, -59.5080, -22.8680

Conversions

Conversions Part 2

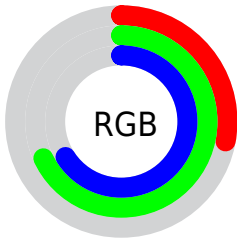
Format	Color
RYB	71, 123, 173
Decimal	4697513
CIELab	65.03, -30.20, -6.81
CIElCh	65, 30.959, 192.703
Yxy	34.0913, 0.2431, 0.3355
Android (android.graphics.Color)	4282887593 (0xFF47ADA9)
YUV	142.0460, 13.2883, -62.3073
Hunter-Lab	58.3878, -26.6562, -2.6045

Details

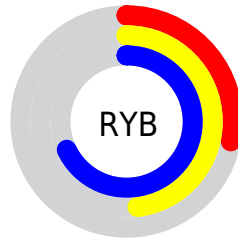
The Decimal color **4697513** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11355979**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **8578528**, and **30837** is the 20% darker color. If you saturate the color by 10%, you get **3583400**, and if you desaturate by 10%, it is **5811626**.

Distribution



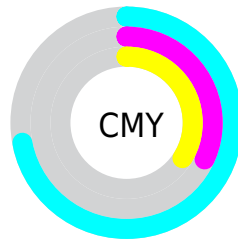
- Red (28%)
- Green (68%)
- Blue (66%)



- Red (28%)
- Yellow (48%)
- Blue (68%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (72%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4697513 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 4697513 by changing the saturation by 10% instead.

 4697513

 4697513

16777215

 2462351

 8578528

 30837

 10485757

 24412

 12386303

 18245

 14286847

 12079

 16252927

 6938

 0

 4697513

 4697513

 3583400

 5811626

■ 2403752

■ 6991274

■ 1289639

■ 8105387

■ 175526

■ 9219500

■ 44454

■ 10399148

■ 11513261

■ 12627374

■ 13741486

■ 14921135

Harmonies

Analogous

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



6663308



4697513



4303810

Triad

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



4697513



11572167



12556137

Complementary

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



4697513



11355979

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.



13667962



4697513



13274031

Square

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



4697513



9084116



13994387



10854503

Rectangle

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



4697513



5482446



13994387



13013869

Sweetspot

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



4697513



12116191



5025095



5795951



15790320



7368816

Same Dimension

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



4697513



4317402



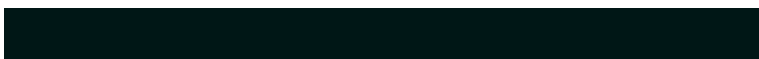
4685741



5134166



38545



5910

Inverse Universe

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



11355979



14696775



11367751



5721678



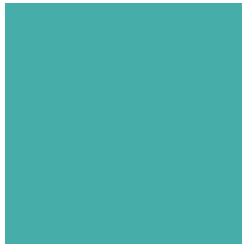
9830406



1507329

Previews

White Background



This preview shows how the Decimal color 4697513 looks on a white background.

Color Contrast Check

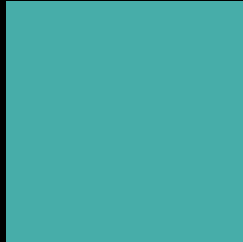
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 4697513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

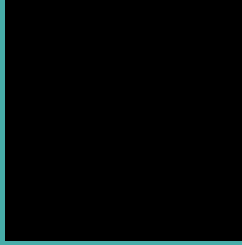
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 4697513 Background



This preview shows how black text looks on a background with the Decimal color 4697513.




This preview shows how white text looks on a background with the Decimal color 4697513.

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



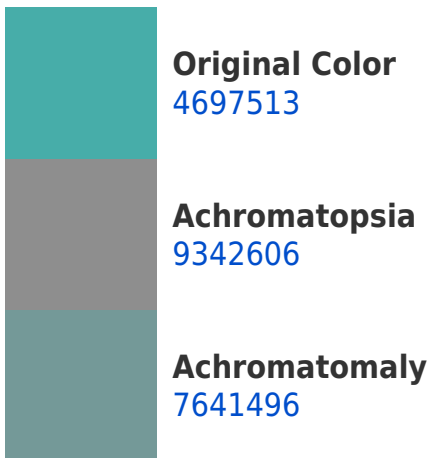


Tritanopia
5090232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4697513 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 #47ADA9 looks like.

```
.text, #text, p{  
  color:#47ADA9  
}
```

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 #47ADA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47ADA9
}
```

Border

The CSS property to change the border of an element to Decimal 4697513 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
#47ADA9 }
```

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

```
.border{ border-color:#47ADA9 }
```

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

Here you see how a box with a 4 pixel #47ADA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47ADA9; -webkit-box-shadow:4px 4px  
4px 4px #47ADA9; box-shadow:4px 4px 4px  
4px #47ADA9 }
```

Background

The CSS property to change the background color of an element to Decimal 4697513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47ADA9 }
```

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

```
.background{ background-color:#47ADA9 }
```

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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