

Converting Colors

Decimal(1296297)

Have a look what the booklet for
Decimal(1296297) contains.

Decimal(1296297)	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(1296297)

Conversions

Conversions Part 1

Format	Color
Hex	13C7A9
RGB	19, 199, 169
RGB Percent	7%, 78%, 66%
CMY	0.9255, 0.2196, 0.3373
CMYK	0.90, 0.00, 0.15, 0.22
HSL	170°, 83%, 43%
HSV	170°, 90%, 78%
XYZ	27.8534, 43.8499, 44.5320
YIQ	141.7600, -97.6500, -47.4900

Conversions

Conversions Part 2

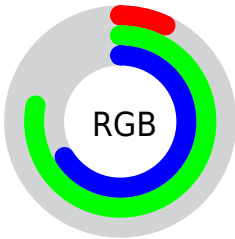
Format	Color
RYB	19, 117, 199
Decimal	1296297
CIELab	72.13, -47.75, 3.49
CIELCh	72, 47.878, 175.822
Yxy	43.8499, 0.2396, 0.3773
Android (android.graphics.Color)	4279486377 (0xFF13C7A9)
YUV	141.7600, 13.4293, -107.6605
Hunter-Lab	66.2192, -40.8022, 6.4814

Details

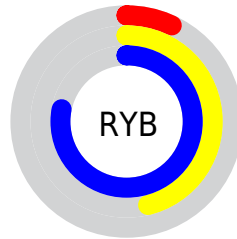
The Decimal color **1296297** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **13046577**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **7012320**, and **36981** is the 20% darker color. If you saturate the color by 10%, you get **51110**, and if you desaturate by 10%, it is **2607020**.

Distribution



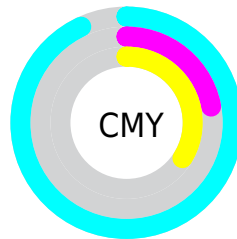
- Red (7%)
- Green (78%)
- Blue (66%)



- Red (7%)
- Yellow (46%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (93%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1296297 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 1296297 by changing the saturation by 10% instead.



1296297



1296297

16777215



43919



7012320



36981



9109501



30300



11141119



23621



13172735



17199



15138815



11546



3584



0



1296297



1296297

■ 51110

■ 2607020

■ 3917744

■ 5228467

■ 6539190

■ 7849914

■ 9095101

■ 10405824

■ 11716548

■ 13027271

Harmonies

Analogous

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



7455614



1296297



51158

Triad

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



1296297



11249919



15899754

Complementary

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



1296297



13046577

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.



16748685



1296297



14784483

Square

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



1296297



5879807



16747961



13741144

Rectangle

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



1296297



50414



16747961



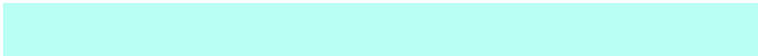
16423028

Sweetspot

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



1296297



12255220



3262227



5734521



0



8421504

Same Dimension

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



1296297



65492



1281735



5923682



41864



9246

Inverse Universe

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



13046577



16711723



13061907



6511195



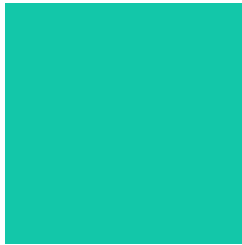
10682395



2359302

Previews

White Background



This preview shows how the Decimal color 1296297 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 1296297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

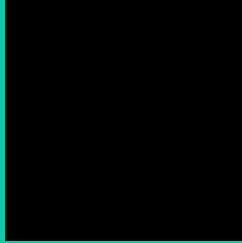
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

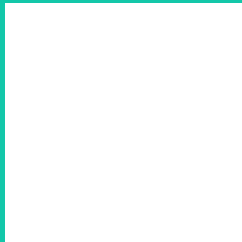
Any Text WCAG AAA ✓ Pass

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

Decimal 1296297 Background



This preview shows how black text looks on a background with the Decimal color 1296297.



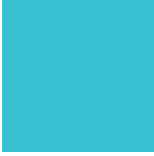
This preview shows how white text looks on a background with the Decimal color 1296297.

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



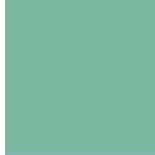


Tritanopia
3850705

Trichromacy



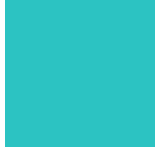
Original Color
1296297



Protanomaly
8108193



Deuteranomaly
8500653



Tritanomaly
2933698

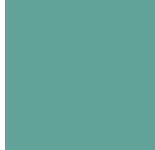
Monochromacy



Original Color
1296297



Achromatopsia
9342606



Achromatomaly
6398872

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1296297 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 #13C7A9 looks like.

```
.text, #text, p{  
  color:#13C7A9  
}
```

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 #13C7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C7A9
}
```

Border

The CSS property to change the border of an element to Decimal 1296297 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
#13C7A9 }
```

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

```
.border{ border-color:#13C7A9 }
```

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

Here you see how a box with a 4 pixel #13C7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C7A9; -webkit-box-shadow:4px 4px  
4px 4px #13C7A9; box-shadow:4px 4px 4px  
4px #13C7A9 }
```

Background

The CSS property to change the background color of an element to Decimal 1296297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C7A9 }
```

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

```
.background{ background-color:#13C7A9 }
```

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