

Converting Colors

Decimal(1294736)

Have a look what the booklet for
Decimal(1294736) contains.

Decimal(1294736)	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(1294736)

Conversions

Conversions Part 1

Format	Color
Hex	13C190
RGB	19, 193, 144
RGB Percent	7%, 76%, 56%
CMY	0.9255, 0.2431, 0.4353
CMYK	0.90, 0.00, 0.25, 0.24
HSL	163°, 82%, 42%
HSV	163°, 90%, 76%
XYZ	24.3726, 40.2920, 32.8781
YIQ	135.3880, -87.9750, -52.1270

Conversions

Conversions Part 2

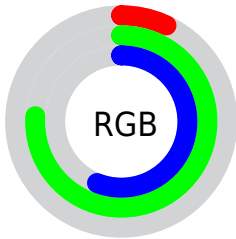
Format	Color
RYB	19, 120, 193
Decimal	1294736
CIELab	69.68, -51.64, 13.54
CIELCh	70, 53.387, 165.306
Yxy	40.2920, 0.2499, 0.4131
Android (android.graphics.Color)	4279484816 (0xFF13C190)
YUV	135.3880, 4.2457, -102.0723
Hunter-Lab	63.4760, -42.5452, 13.7232

Details

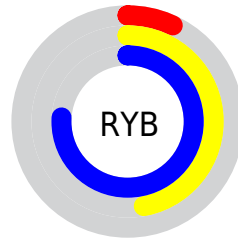
The Decimal color **1294736** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **12653380**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6814406**, and **35422** is the 20% darker color. If you saturate the color by 10%, you get **49547**, and if you desaturate by 10%, it is **2539925**.

Distribution



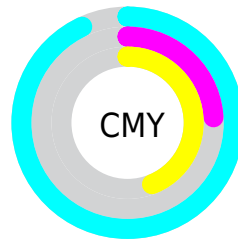
- Red (7%)
- Green (76%)
- Blue (56%)



- Red (7%)
- Yellow (47%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (93%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1294736 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 1294736 by changing the saturation by 10% instead.



1294736



1294736

16777215



42358



6814406



35422



8847330



28742



10878975



22063



12845055



15642



14876671



9984



0



1294736



1294736



49547



2539925

■ 3850651

■ 5095840

■ 6341030

■ 7586219

■ 8896945

■ 10142134

■ 11387323

■ 12698049

Harmonies

Analogous

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



7912291



1294736



50114

Triad

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



1294736



8759295



16354663

Complementary

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



1294736



1265380

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.



16744851



1294736



13473007

Square

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



1294736



46847



16221380



14327626

Rectangle

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



1294736



49633



16221380



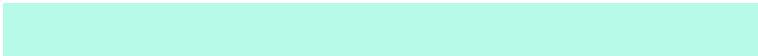
16746613

Sweetspot

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



1294736



11991783



4505875



5602674



16579836



8224125

Same Dimension

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



1294736



64180



1285057



5726558



41331



8472

Inverse Universe

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



12653380



16384070



12663059



6379354



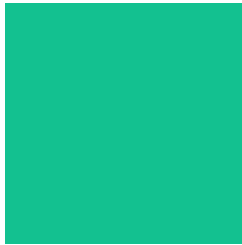
10551341



2162697

Previews

White Background



This preview shows how the Decimal color 1294736 looks on a white background.

Color Contrast Check

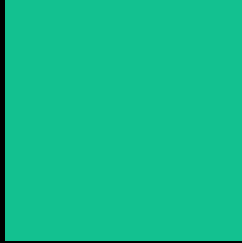
Large Text (above 18pt) WCAG AA × Fail

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 1294736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

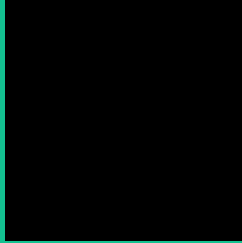
Any Text WCAG AA ✓ Pass

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 1294736 Background



This preview shows how black text looks on a background with the Decimal color 1294736.



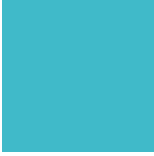
This preview shows how white text looks on a background with the Decimal color 1294736.

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
4242121

Trichromacy



Original Color

1294736



Protanomaly

7975560



Deuteranomaly

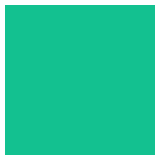
8498836



Tritanomaly

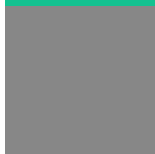
3194292

Monochromacy



Original Color

1294736



Achromatopsia

8882055



Achromatomaly

6134922

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1294736 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 #13C190 looks like.

```
.text, #text, p{  
  color:#13C190  
}
```

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 #13C190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C190
}
```

Border

The CSS property to change the border of an element to Decimal 1294736 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
#13C190 }
```

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

```
.border{ border-color:#13C190 }
```

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

Here you see how a box with a 4 pixel #13C190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C190; -webkit-box-shadow:4px 4px  
4px 4px #13C190; box-shadow:4px 4px 4px  
4px #13C190 }
```

Background

The CSS property to change the background color of an element to Decimal 1294736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C190 }
```

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

```
.background{ background-color:#13C190 }
```

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