

# Converting Colors

Decimal(1295496)

Have a look what the booklet for  
Decimal(1295496) contains.

<b>Decimal(1295496)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(1295496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13C488
RGB	19, 196, 136
RGB Percent	7%, 77%, 53%
CMY	0.9255, 0.2314, 0.4667
CMYK	0.90, 0.00, 0.31, 0.23
HSL	160°, 82%, 42%
HSV	160°, 90%, 77%
XYZ	24.4524, 41.3959, 29.9940
YIQ	136.2370, -86.2320, -56.1840

# Conversions

## Conversions Part 2

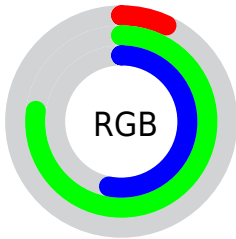
Format	Color
<a href="#">RYB</a>	<a href="#">19, 126, 196</a>
Decimal	<a href="#">1295496</a>
CIELab	<a href="#">70.45, -54.64, 18.92</a>
CIELCh	<a href="#">70, 57.821, 160.897</a>
Yxy	<a href="#">41.3959, 0.2551, 0.4319</a>
Android (android.graphics.Color)	<a href="#">4279485576 (0xFF13C488)</a>
YUV	<a href="#">136.2370, -0.1168, -102.8168</a>
Hunter-Lab	<a href="#">64.3396, -44.7550, 17.3978</a>

# Details

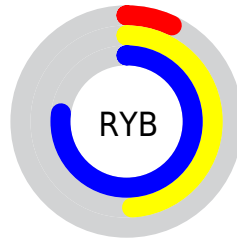
The Decimal color **1295496** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **12849999**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **6815422**, and **36182** is the 20% darker color. If you saturate the color by 10%, you get **50306**, and if you desaturate by 10%, it is **2606223**.

# Distribution



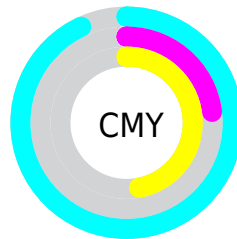
- Red (7%)
- Green (77%)
- Blue (53%)



- Red (7%)
- Yellow (49%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1295496 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 1295496 by changing the saturation by 10% instead.



 1295496

 1295496

16777215

 43118

 6815422

 36182

 8912857

 29246

 10944502

 22824

 12910591

 16403

 14942207

 10496

 768

 0

 1295496

 1295496

■ 50306

■ 2606223

■ 3851413

■ 5162140

■ 6407331

■ 7718057

■ 9028784

■ 10273975

■ 11584701

■ 12829892

# Harmonies

## Analogous

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



8306009



1295496



50879

# Triad

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



1295496



7384319



16747114

# Complementary

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



1295496



12849999

# 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.



16744091



1295496



13211644

# Square

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



1295496



48127



16483280



15048006

# Rectangle

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



1295496



50657



16483280



16745593

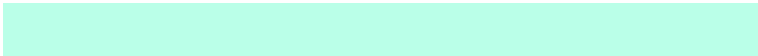


# Sweetspot

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



1295496



12255208



5358611



5734514



0



8421504



# Same Dimension

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



1295496



65449



1288644



5726558



41322



8470



# Inverse Universe

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



12849999



16711766



12856851



6379354



10551350

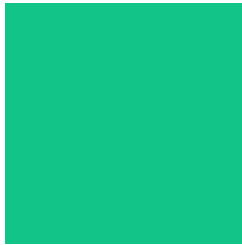


2162699



# Previews

## White Background



This preview shows how the Decimal color 1295496 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 1295496 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

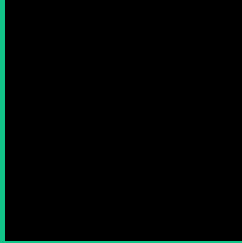
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1295496 Background



This preview shows how black text looks on a background with the Decimal color 1295496.

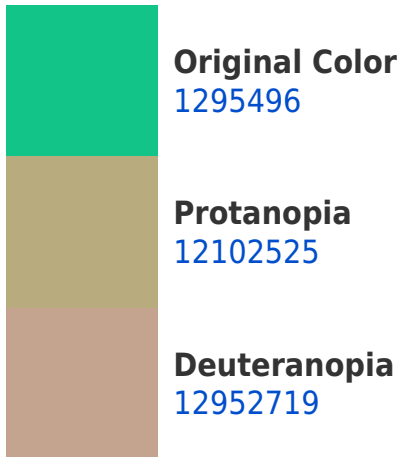


This preview shows how white text looks on a background with the Decimal color 1295496.

# 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**  
4504779

# Trichromacy



**Original Color**  
1295496



**Protanomaly**  
8172673



**Deuteranomaly**  
8695948



**Tritanomaly**  
3325875

# Monochromacy



**Original Color**  
1295496



**Achromatopsia**  
8947848



**Achromatomaly**  
6135432

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1295496 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 #13C488 looks like.

```
.text, #text, p{  
  color:#13C488  
}
```

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 #13C488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C488
}
```

## Border

The CSS property to change the border of an element to Decimal 1295496 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
#13C488 }
```

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

```
.border{ border-color:#13C488 }
```

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

Here you see how a box with a 4 pixel #13C488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C488; -webkit-box-shadow:4px 4px  
4px 4px #13C488; box-shadow:4px 4px 4px  
4px #13C488 }
```

# Background

The CSS property to change the background color of an element to Decimal 1295496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C488 }
```

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

```
.background{ background-color:#13C488 }
```

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