

# Converting Colors

Decimal(1566125)

Have a look what the booklet for  
Decimal(1566125) contains.

<b>Decimal(1566125)</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(1566125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17E5AD
RGB	23, 229, 173
RGB Percent	9%, 90%, 68%
CMY	0.9098, 0.1020, 0.3216
CMYK	0.90, 0.00, 0.24, 0.10
HSL	164°, 82%, 49%
HSV	164°, 90%, 90%
XYZ	35.9155, 59.2379, 49.0763
YIQ	161.0220, -104.8000, -61.0880

# Conversions

## Conversions Part 2

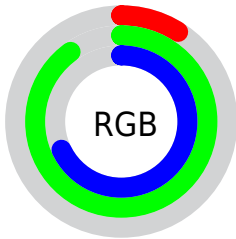
Format	Color
<a href="#">RYB</a>	<a href="#">23, 142, 229</a>
Decimal	<a href="#">1566125</a>
CIELab	<a href="#">81.42, -58.44, 14.63</a>
CIELCh	<a href="#">81, 60.245, 165.950</a>
Yxy	<a href="#">59.2379, 0.2490, 0.4107</a>
Android (android.graphics.Color)	<a href="#">4279756205 (0xFF17E5AD)</a>
YUV	<a href="#">161.0220, 5.9052, -121.0453</a>
Hunter-Lab	<a href="#">76.9662, -51.3956, 16.0710</a>

# Details

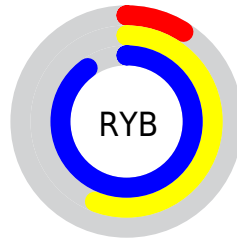
The Decimal color **1566125** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **15013711**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **7536613**, and **44153** is the 20% darker color. If you saturate the color by 10%, you get **58791**, and if you desaturate by 10%, it is **3073459**.

# Distribution



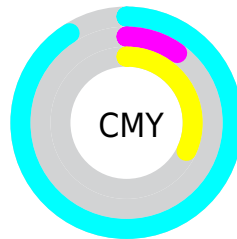
- Red (9%)
- Green (90%)
- Blue (68%)



- Red (9%)
- Yellow (56%)
- Blue (90%)



- Cyan (90%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)




















- Cyan (91%)
- Magenta (10%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1566125 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 1566125 by changing the saturation by 10% instead.



 1566125	 1566125
 16777215	 51346
 7536613	 44153
 9699327	 37216
 11796479	 30280
 13828095	 23601
 15925247	 17180
	 11267
	 2560
	 0

■ 1566125

■ 1566125

■ 58791

■ 3073459

■ 4580793

■ 6088128

■ 7595462

■ 9102796

■ 10544594

■ 12051929

■ 13559263

■ 15066597

# Harmonies

## Analogous

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



9363065



1566125



59368

# Triad

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



1566125



10602239



16755067

# Complementary

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



1566125



15013711

# 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.



16751534



1566125



16101375

# Square

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



1566125



55551



16752103



16760410

# Rectangle

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



1566125



58879



16752103



16753547

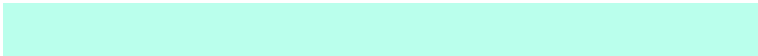


# Sweetspot

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



1566125



12255212



5367063



5734516



0



8421504



# Same Dimension

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



1566125



65466



1554661



6779760



45954



13093



# Inverse Universe

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



15013711



16711749



15025175



7563114



11730993

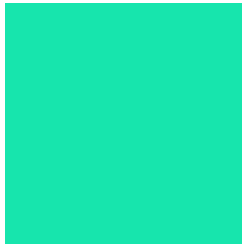


3342350



# Previews

## White Background



This preview shows how the Decimal color 1566125 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 1566125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

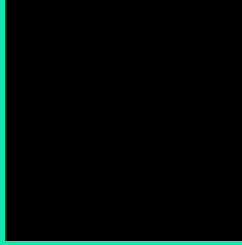
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1566125 Background



This preview shows how black text looks on a background with the Decimal color 1566125.

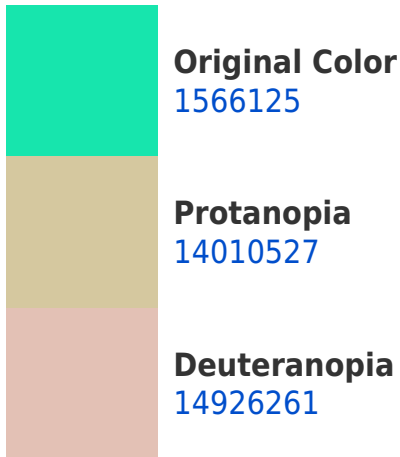


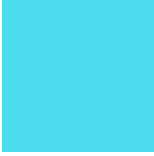
This preview shows how white text looks on a background with the Decimal color 1566125.

# 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**  
4971758

# Trichromacy



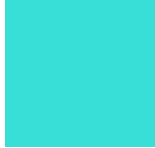
**Original Color**  
1566125



**Protanomaly**  
9491364



**Deuteranomaly**  
10079922

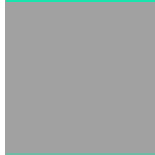


**Tritanomaly**  
3727318

# Monochromacy



**Original Color**  
1566125



**Achromatopsia**  
10592673



**Achromatomaly**  
7322277

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1566125 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 #17E5AD looks like.

```
.text, #text, p{  
  color:#17E5AD  
}
```

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 #17E5AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17E5AD
}
```

## Border

The CSS property to change the border of an element to Decimal 1566125 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
#17E5AD }
```

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

```
.border{ border-color:#17E5AD }
```

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

Here you see how a box with a 4 pixel #17E5AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17E5AD; -webkit-box-shadow:4px 4px  
4px 4px #17E5AD; box-shadow:4px 4px 4px  
4px #17E5AD }
```

# Background

The CSS property to change the background color of an element to Decimal 1566125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17E5AD }
```

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

```
.background{ background-color:#17E5AD }
```

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