

# Converting Colors

Decimal(1287547)

Have a look what the booklet for  
Decimal(1287547) contains.

<b>Decimal(1287547)</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(1287547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13A57B
RGB	19, 165, 123
RGB Percent	7%, 65%, 48%
CMY	0.9255, 0.3529, 0.5176
CMYK	0.88, 0.00, 0.25, 0.35
HSL	163°, 79%, 36%
HSV	163°, 88%, 65%
XYZ	17.2988, 28.4788, 23.3241
YIQ	116.5580, -73.5340, -44.0140

# Conversions

## Conversions Part 2

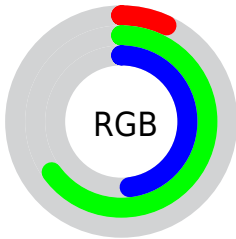
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 104, 165
Decimal	1287547
CIELab	60.32, -45.61, 11.92
CIELCh	60, 47.137, 165.357
Yxy	28.4788, 0.2503, 0.4121
Android (android.graphics.Color)	4279477627 (0xFF13A57B)
YUV	116.5580, 3.1759, -85.5584
Hunter-Lab	53.3655, -35.5275, 11.4424

# Details

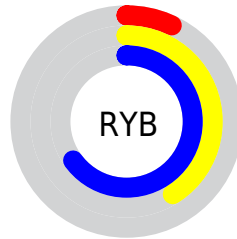
The Decimal color **1287547** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10818365**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6282672**, and **28746** is the 20% darker color. If you saturate the color by 10%, you get **173430**, and if you desaturate by 10%, it is **2401664**.

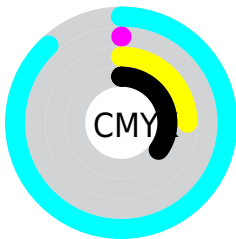
# Distribution



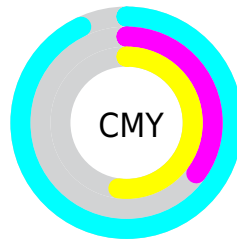
- Red (7%)
- Green (65%)
- Blue (48%)



- Red (7%)
- Yellow (41%)
- Blue (65%)



- Cyan (88%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (93%)
- Magenta (35%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1287547 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 1287547 by changing the saturation by 10% instead.



 1287547

 1287547

16777215

 35426

 6282672

 28746

 8256203

 22323

 10223591

 15902

 12124159

 10502

 14090239


 512

 16056319

 0

 1287547

 1287547

 173430

 2401664

■ 42358

■ 3450244

■ 4564361

■ 5612942

■ 6727059

■ 7775639

■ 8824220

■ 9938337

■ 10986918

# Harmonies

## Analogous

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



6725717



1287547



42662

# Triad

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



1287547



7442146



13990232

# Complementary

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



1287547



10818365

# 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.



14642814



1287547



11566796

# Square

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



1287547



40161



13922728



12290111

# Rectangle

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



1287547



42432



13922728



14382180



# Sweetspot

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



1287547



10278598



4171027



4811617



15461355



7039851

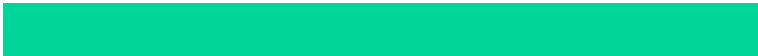


# Same Dimension

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



1287547



54937



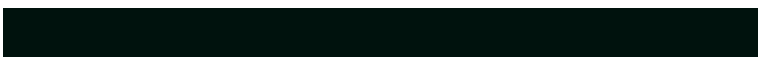
1280165



4805199



37224



4621



# Inverse Universe

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



10818365



14024766



10825747



5392716



9502762



1179653



# Previews

## White Background



This preview shows how the Decimal color 1287547 looks on a white background.

## Color Contrast Check

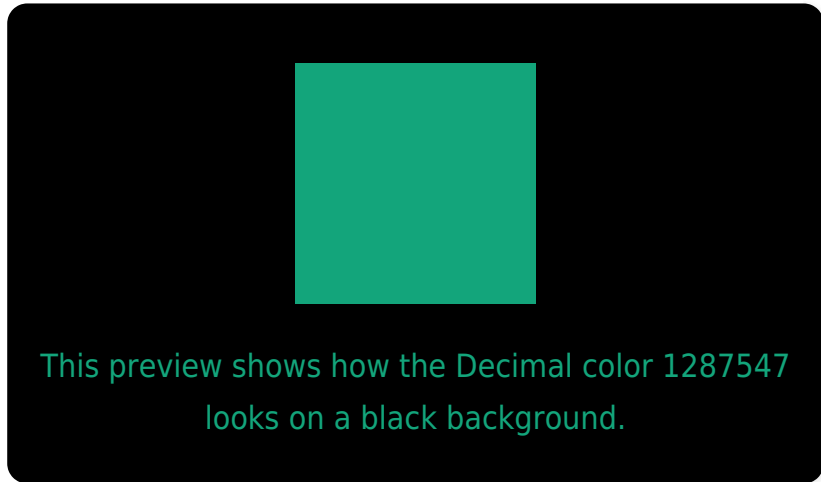
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

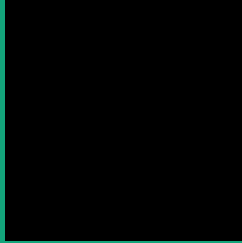
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 1287547 Background



This preview shows how black text looks on a background with the Decimal color 1287547.



This preview shows how white text looks on a background with the Decimal color 1287547.

# 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**  
3710892

# Trichromacy



**Original Color**  
1287547



**Protanomaly**  
6920309



**Deuteranomaly**  
7312511



**Tritanomaly**  
2859418

# Monochromacy



**Original Color**  
1287547



**Achromatopsia**  
7697781



**Achromatomaly**  
5342839

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1287547 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 #13A57B looks like.

```
.text, #text, p{  
  color:#13A57B  
}
```

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 #13A57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A57B
}
```

## Border

The CSS property to change the border of an element to Decimal 1287547 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
#13A57B }
```

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

```
.border{ border-color:#13A57B }
```

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

Here you see how a box with a 4 pixel #13A57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A57B; -webkit-box-shadow:4px 4px  
4px 4px #13A57B; box-shadow:4px 4px 4px  
4px #13A57B }
```

# Background

The CSS property to change the background color of an element to Decimal 1287547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A57B }
```

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

```
.background{ background-color:#13A57B }
```

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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