

# Converting Colors

Decimal(841340)

Have a look what the booklet for  
Decimal(841340) contains.

<b>Decimal(841340)</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(841340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CD67C
RGB	12, 214, 124
RGB Percent	5%, 84%, 49%
CMY	0.9529, 0.1608, 0.5137
CMYK	0.94, 0.00, 0.42, 0.16
HSL	153°, 89%, 44%
HSV	153°, 94%, 84%
XYZ	27.8363, 49.6265, 27.1805
YIQ	143.3420, -91.5020, -70.8140

# Conversions

## Conversions Part 2

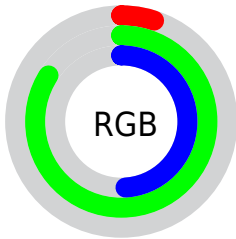
Format	Color
<a href="#">RYB</a>	<a href="#">12, 142, 214</a>
Decimal	<a href="#">841340</a>
CIELab	<a href="#">75.84, -63.82, 32.41</a>
CIELCh	<a href="#">76, 71.577, 153.073</a>
Yxy	<a href="#">49.6265, 0.2660, 0.4742</a>
Android (android.graphics.Color)	<a href="#">4279031420 (0xFF0CD67C)</a>
YUV	<a href="#">143.3420, -9.5356, -115.1869</a>
Hunter-Lab	<a href="#">70.4461, -52.7477, 26.4361</a>

# Details

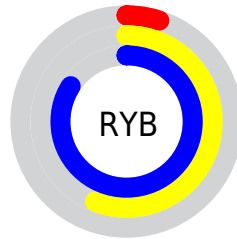
The Decimal color **841340** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14027878**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **7012273**, and **40522** is the 20% darker color. If you saturate the color by 10%, you get **54903**, and if you desaturate by 10%, it is **2217606**.

# Distribution



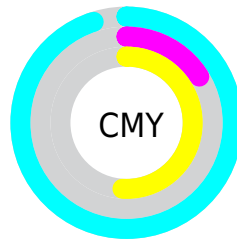
- Red (5%)
- Green (84%)
- Blue (49%)



- Red (5%)
- Yellow (56%)
- Blue (84%)



- Cyan (94%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (95%)
- Magenta (16%)
- Yellow (51%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 841340 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 841340 by changing the saturation by 10% instead.



 841340  841340

16777215  47714

 7012273  40522

 9174989  33586

 11206634  26650

 13238271  19968

 15335423  14080

 7424

 0

 841340  841340

■ 54903

■ 2217606

■ 3659407

■ 5035673

■ 6477474

■ 7853740

■ 9230005

■ 10671807

■ 12048072

■ 13489874

# Harmonies

## Analogous

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



9686082



841340



56000

# Triad

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



841340



49407



16746359

# Complementary

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



841340



14027878

# 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.



16743351



841340



12953343

# Square

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



841340



53759



16747256



16752961

# Rectangle

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



841340



56045



16747256



16744843

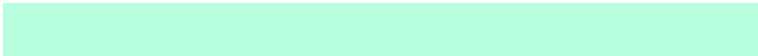


# Sweetspot

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



841340



12124127



6805004



5537900



0



8421504



# Same Dimension

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



841340



65421



838870



6318950



43871



11032



# Inverse Universe

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



14027878



16711794



14030348



7037029



11206732

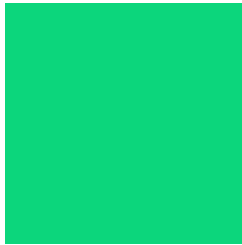


2818067



# Previews

## White Background



This preview shows how the Decimal color 841340 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 841340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

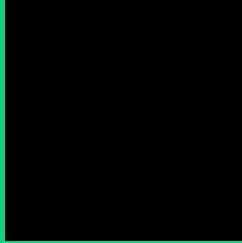
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 841340 Background



This preview shows how black text looks on a background with the Decimal color 841340.

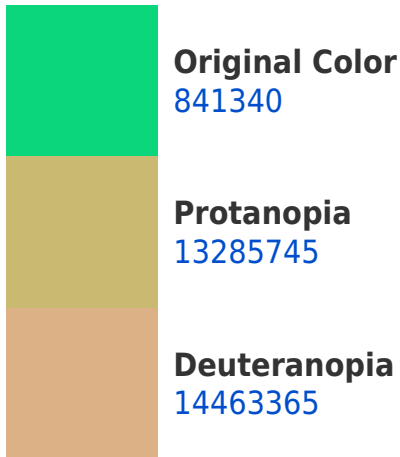


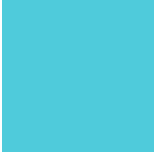
This preview shows how white text looks on a background with the Decimal color 841340.

# 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**  
5229531

# Trichromacy



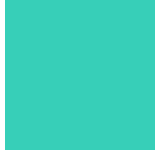
**Original Color**  
841340



**Protanomaly**  
8766581



**Deuteranomaly**  
9485954



**Tritanomaly**  
3657656

# Monochromacy



**Original Color**  
841340



**Achromatopsia**  
9408399



**Achromatomaly**  
6269320

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 841340 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 #0CD67C looks like.

```
.text, #text, p{  
    color:#0CD67C  
}
```

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 #0CD67C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD67C
}
```

## Border

The CSS property to change the border of an element to Decimal 841340 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
#0CD67C }
```

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

```
.border{ border-color:#0CD67C }
```

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

Here you see how a box with a 4 pixel #0CD67C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD67C; -webkit-box-shadow:4px 4px  
4px 4px #0CD67C; box-shadow:4px 4px 4px  
4px #0CD67C }
```

# Background

The CSS property to change the background color of an element to Decimal 841340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD67C }
```

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

```
.background{ background-color:#0CD67C }
```

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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