

# Converting Colors

Decimal(576901)

Have a look what the booklet for  
Decimal(576901) contains.

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# **Color**

**Decimal(576901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08CD85
RGB	8, 205, 133
RGB Percent	3%, 80%, 52%
CMY	0.9686, 0.1961, 0.4784
CMYK	0.96, 0.00, 0.35, 0.20
HSL	158°, 92%, 42%
HSV	158°, 96%, 80%
XYZ	26.1651, 45.4077, 29.5758
YIQ	137.8890, -94.3000, -64.1560

# Conversions

## Conversions Part 2

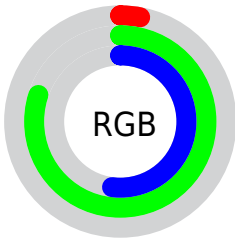
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 129, 205
Decimal	576901
CIELab	73.16, -59.05, 24.20
CIELCh	73, 63.814, 157.716
Yxy	45.4077, 0.2587, 0.4489
Android (android.graphics.Color)	4278766981 (0xFF08CD85)
YUV	137.8890, -2.4103, -113.9127
Hunter-Lab	67.3853, -48.6142, 21.1469

# Details

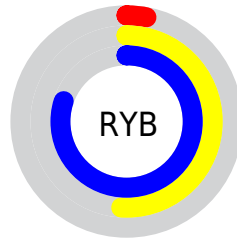
The Decimal color **576901** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13437008**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **6815675**, and **38227** is the 20% darker color. If you saturate the color by 10%, you get **52610**, and if you desaturate by 10%, it is **1953164**.

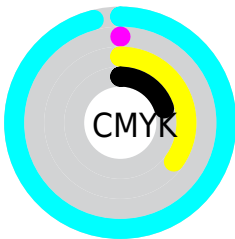
# Distribution



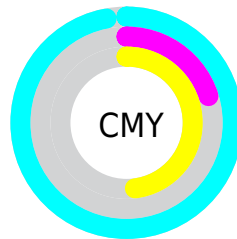
- Red (3%)
- Green (80%)
- Blue (52%)



- Red (3%)
- Yellow (51%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (97%)
- Magenta (20%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 576901 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 576901 by changing the saturation by 10% instead.



 576901       576901

16777215       45419

 6815675       38227

 8912854       31291

 11010035       24612

 12976127       18190

 15007743       12288

 4864

 0

 576901       576901

■ 52610

■ 1953164

■ 3263892

■ 4640155

■ 5950883

■ 7327146

■ 8637874

■ 10014137

■ 11324865

■ 12701128

# Harmonies

## Analogous

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



8897617



576901



53441

# Triad

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



576901



5944831



16747119

# Complementary

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



576901



13437008

# 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.



16744103



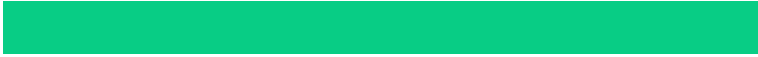
576901



13278975

# Square

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



576901



50943



16746465



16163140

# Rectangle

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



576901



53224



16746465



16745601

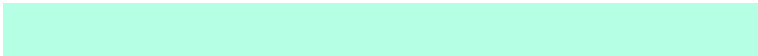


# Sweetspot

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



576901



11927524



5295368



5472367



0



8421504



# Same Dimension

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



576901



65442



570317



605522



42601



9752



# Inverse Universe

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



13437008



16711773



13443592



6708320



10879037

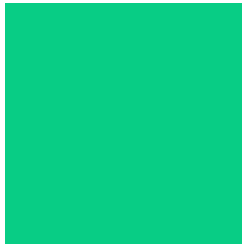


2490382



# Previews

## White Background



This preview shows how the Decimal color 576901 looks on a white background.

## Color Contrast Check

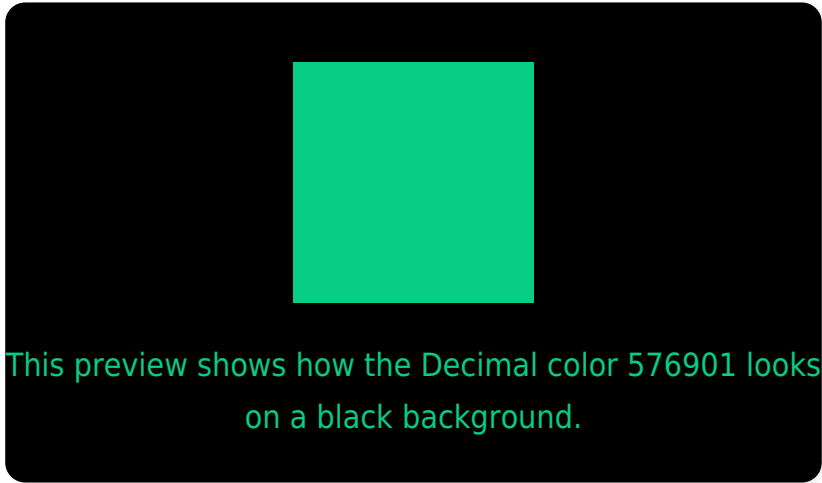
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

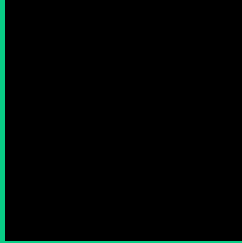
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 576901 Background



This preview shows how black text looks on a background with the Decimal color 576901.

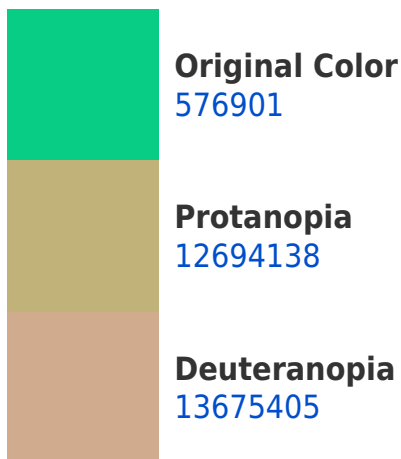


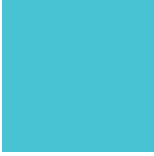
This preview shows how white text looks on a background with the Decimal color 576901.

# 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](#).

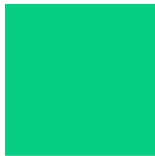
## Dichromacy





**Tritanopia**  
4768723

# Trichromacy



**Original Color**

576901



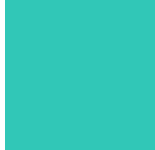
**Protanomaly**

8305790



**Deuteranomaly**

8894346



**Tritanomaly**

3262391

# Monochromacy



**Original Color**

576901



**Achromatopsia**

9079434



**Achromatomaly**

6005384

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 576901 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 #08CD85 looks like.

```
.text, #text, p{  
  color:#08CD85  
}
```

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 #08CD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08CD85
}
```

## Border

The CSS property to change the border of an element to Decimal 576901 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
#08CD85 }
```

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

```
.border{ border-color:#08CD85 }
```

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

Here you see how a box with a 4 pixel #08CD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08CD85; -webkit-box-shadow:4px 4px  
4px 4px #08CD85; box-shadow:4px 4px 4px  
4px #08CD85 }
```

# Background

The CSS property to change the background color of an element to Decimal 576901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08CD85 }
```

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

```
.background{ background-color:#08CD85 }
```

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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