

# Converting Colors

Decimal(50306)

Have a look what the booklet for  
Decimal(50306) contains.

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# **Color**

**Decimal(50306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C482
RGB	0, 196, 130
RGB Percent	0%, 77%, 51%
CMY	1.0000, 0.2314, 0.4902
CMYK	1.00, 0.00, 0.34, 0.23
HSL	160°, 100%, 38%
HSV	160°, 100%, 77%
XYZ	23.7692, 41.0916, 27.7978
YIQ	129.8720, -95.6300, -62.0780

# Conversions

## Conversions Part 2

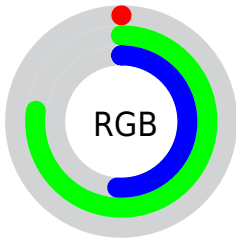
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 196
Decimal	50306
CIELab	70.24, -56.71, 21.81
CIELCh	70, 60.762, 158.961
Yxy	41.0916, 0.2565, 0.4435
Android (android.graphics.Color)	4278240386 (0xFF00C482)
YUV	129.8720, 0.0631, -113.8977
Hunter-Lab	64.1027, -45.9922, 19.1611

# Details

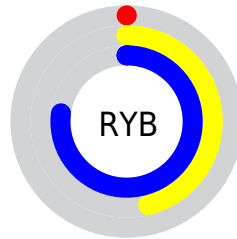
The Decimal color **50306** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **12845122**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **6553271**, and **36176** is the 20% darker color. If you saturate the color by 10%, you get **50306**, and if you desaturate by 10%, it is **1361033**.

# Distribution



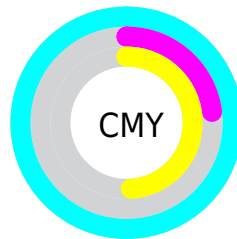
- Red (0%)
- Green (77%)
- Blue (51%)



- Red (0%)
- Yellow (46%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)




















- Cyan (100%)
- Magenta (23%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50306 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 50306 by changing the saturation by 10% instead.




 50306	 50306
 16777215	 43113
 6553271	 36176
 8650707	 29241
 10682351	 22562
 12713983	 16141
 14745599	 10496
 16711679	 512
	 0

 50306

 1361033

 2606223

 3916950

 5162140

 6472867

 7783594

 9028784

 10339511

 11584701

# Harmonies

## Analogous

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



8371281



50306



51131

# Triad

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



50306



6335743



16746089

# Complementary

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



50306



12845122

# 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.



16743069



50306



12949247

# Square

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



50306



48383



16548309



15309634

# Rectangle

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



50306



50912



16548309



16744569

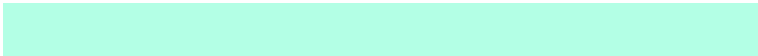


# Sweetspot

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



50306



11796453



4572160



5406832



0



8421504



# Same Dimension

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



50306



65449



42948



5726558



41323



8470



# Inverse Universe

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



12845122



16711766



12852480



6379354



10551350

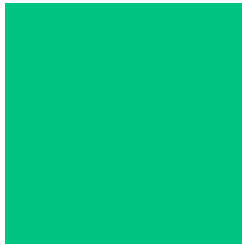


2162699



# Previews

## White Background



This preview shows how the Decimal color 50306 looks on a white background.

## Color Contrast Check

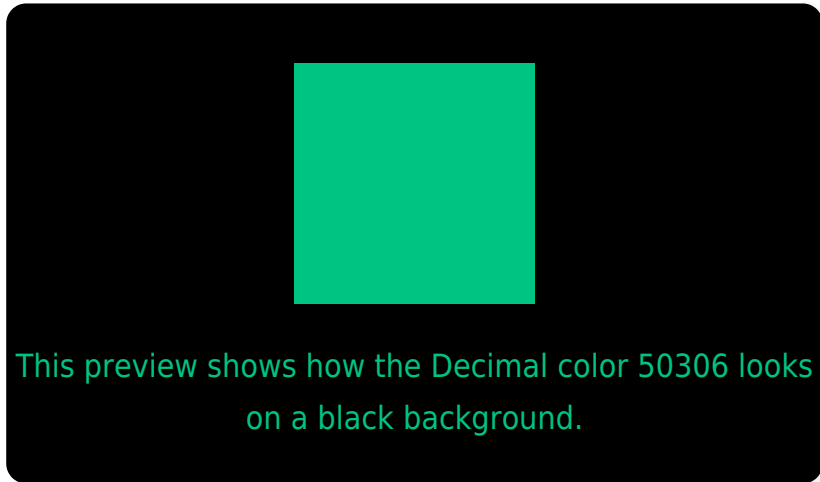
Large Text (above 18pt) WCAG AA × Fail

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 50306 Background



This preview shows how black text looks on a background with the Decimal color 50306.

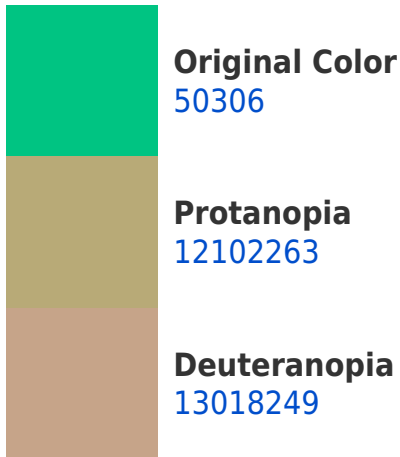


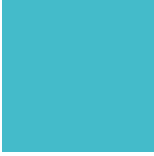
This preview shows how white text looks on a background with the Decimal color 50306.

# 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**  
4504522

# Trichromacy



**Original Color**  
50306



**Protanomaly**  
7713659



**Deuteranomaly**  
8302726



**Tritanomaly**  
2866864

# Monochromacy



**Original Color**  
50306



**Achromatopsia**  
8553090



**Achromatomaly**  
5479042

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50306 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 #00C482 looks like.

```
.text, #text, p{  
    color:#00C482  
}
```

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 #00C482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C482
}
```

## Border

The CSS property to change the border of an element to Decimal 50306 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
#00C482 }
```

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

```
.border{ border-color:#00C482 }
```

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

Here you see how a box with a 4 pixel #00C482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C482; -webkit-box-shadow:4px 4px  
4px 4px #00C482; box-shadow:4px 4px 4px  
4px #00C482 }
```

# Background

The CSS property to change the background color of an element to Decimal 50306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C482 }
```

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

```
.background{ background-color:#00C482 }
```

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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