

# Converting Colors

Decimal(2806176)

Have a look what the booklet for  
Decimal(2806176) contains.

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# **Color**

**Decimal(2806176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AD1A0
RGB	42, 209, 160
RGB Percent	16%, 82%, 63%
CMY	0.8353, 0.1804, 0.3725
CMYK	0.80, 0.00, 0.23, 0.18
HSL	162°, 67%, 49%
HSV	162°, 80%, 82%
XYZ	30.1005, 48.6312, 41.0580
YIQ	153.4810, -83.8030, -50.6430

# Conversions

## Conversions Part 2

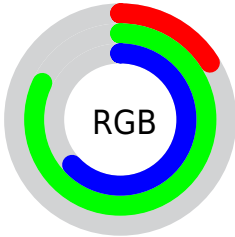
Format	Color
<b>RYB</b>	42, 140, 209
Decimal	2806176
CIELab	75.22, -52.38, 12.79
CIELCh	75, 53.921, 166.283
Yxy	48.6312, 0.2513, 0.4060
Android (android.graphics.Color)	4280996256 (0xFF2AD1A0)
YUV	153.4810, 3.2139, -97.7688
Hunter-Lab	69.7361, -44.9915, 13.9075

# Details

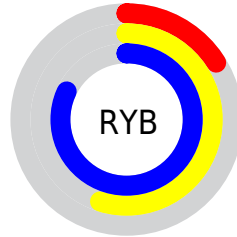
The Decimal color **2806176** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **13707867**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **7667671**, and **39276** is the 20% darker color. If you saturate the color by 10%, you get **1429914**, and if you desaturate by 10%, it is **4182438**.

# Distribution



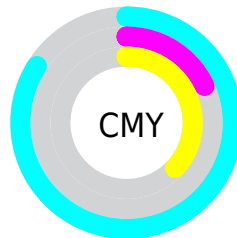
- Red (16%)
- Green (82%)
- Blue (63%)



- Red (16%)
- Yellow (55%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2806176 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 2806176 by changing the saturation by 10% instead.



 2806176

 2806176

16777215

 46470

 7667671

 39276

 9699315

 32596

 11730943

 25661

 13762559

 19239

 15794175

 13330

 6912

 0

 2806176

 2806176

■ 1429914

■ 4182438

■ 53652

■ 5558700

■ 6934962

■ 8311225

■ 9687487

■ 10998213

■ 12374475

■ 13750737

■ 15126999

# Harmonies

## Analogous

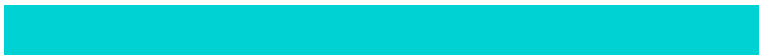
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8702834



2806176



53971

# Triad

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



2806176



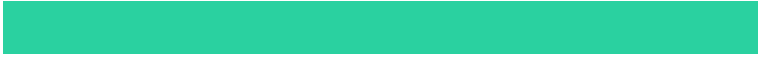
9942527



16751731

# Complementary

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



2806176



13707867

# 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.



16748704



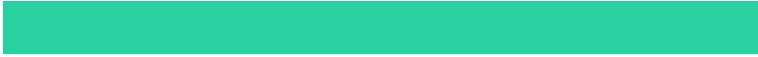
2806176



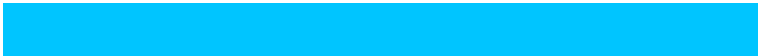
14721790

# Square

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



2806176



50687



16749266



15380055

# Rectangle

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



2806176



53747



16749266



16750465

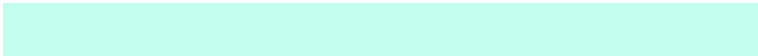


# Sweetspot

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



2806176



12779501



6082858



5996661



0



8421504



# Same Dimension

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



2806176



720823



2797777



6187365



43127



10525



# Inverse Universe

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



13707867



16714322



13716266



6905441



11010097

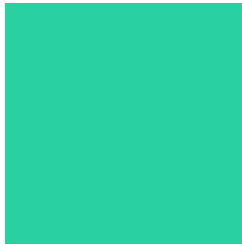


2686988



# Previews

## White Background



This preview shows how the Decimal color 2806176 looks on a white background.

## Color Contrast Check

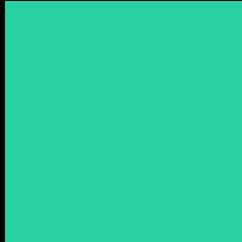
Large Text (above 18pt) WCAG AA × Fail

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 2806176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

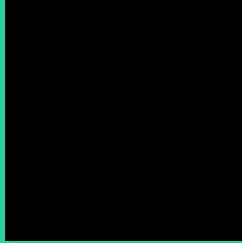
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

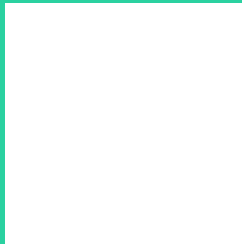
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2806176 Background



This preview shows how black text looks on a background with the Decimal color 2806176.

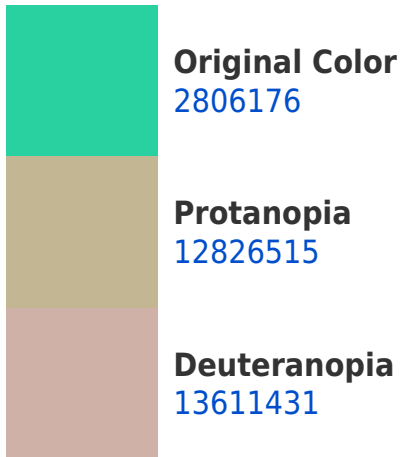


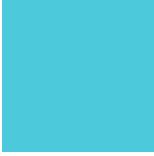
This preview shows how white text looks on a background with the Decimal color 2806176.

# 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**  
5032410

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2806176 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 #2AD1A0 looks like.

```
.text, #text, p{  
  color:#2AD1A0  
}
```

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 #2AD1A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD1A0  
}
```

## Border

The CSS property to change the border of an element to Decimal 2806176 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  
#2AD1A0 }
```

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

```
.border{ border-color:#2AD1A0 }
```

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

Here you see how a box with a 4 pixel #2AD1A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD1A0; -webkit-box-shadow:4px 4px  
4px 4px #2AD1A0; box-shadow:4px 4px 4px  
4px #2AD1A0 }
```

# Background

The CSS property to change the background color of an element to Decimal 2806176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD1A0 }
```

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

```
.background{ background-color:#2AD1A0 }
```

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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