

# Converting Colors

Decimal(2859401)

Have a look what the booklet for  
Decimal(2859401) contains.

<b>Decimal(2859401)</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(2859401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BA189
RGB	43, 161, 137
RGB Percent	17%, 63%, 54%
CMY	0.8314, 0.3686, 0.4627
CMYK	0.73, 0.00, 0.15, 0.37
HSL	168°, 58%, 40%
HSV	168°, 73%, 63%
XYZ	18.2565, 27.8095, 28.0725
YIQ	122.9820, -62.6240, -32.4800

# Conversions

## Conversions Part 2

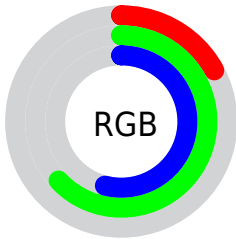
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 109, 161
Decimal	2859401
CIELab	59.72, -37.87, 3.25
CIELCh	60, 38.013, 175.092
Yxy	27.8095, 0.2462, 0.3751
Android (android.graphics.Color)	4281049481 (0xFF2BA189)
YUV	122.9820, 6.9109, -70.1442
Hunter-Lab	52.7347, -30.4899, 5.3522

# Details

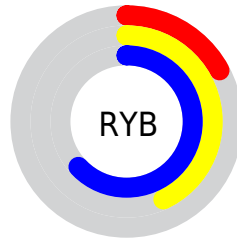
The Decimal color **2859401** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10562371**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **7002302**, and **27735** is the 20% darker color. If you saturate the color by 10%, you get **1810822**, and if you desaturate by 10%, it is **3907980**.

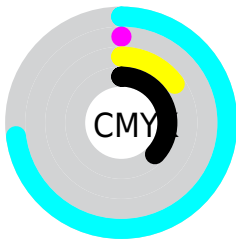
# Distribution



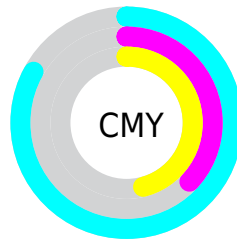
- Red (17%)
- Green (63%)
- Blue (54%)



- Red (17%)
- Yellow (43%)
- Blue (63%)



- Cyan (73%)
- Magenta (0%)
- Yellow (15%)
- Black (37%)



- Cyan (83%)
- Magenta (37%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2859401 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 2859401 by changing the saturation by 10% instead.





2859401



2859401

16777215



34416



7002302



27735



8910298



21312



10813431



15146



12779519



10006



14680063



0

16646143



2859401



2859401



1810822



3907980

■ 762242

■ 4956560

■ 41344

■ 6005139

■ 7053718

■ 8167833

■ 9216413

■ 10264992

■ 11313571

■ 12362150

# Harmonies

## Analogous

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



6397288



2859401



41387

# Triad

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



2859401



9144780



12812378

# Complementary

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



2859401



10562371

# 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.



13662069



2859401



11828663

# Square

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



2859401



5281234



13399447



11177036

# Rectangle

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



2859401



40894



13399447



13204834



# Sweetspot

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



2859401



10736072



4563243



5073251



15263976



6908265



# Same Dimension

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



2859401



1692076



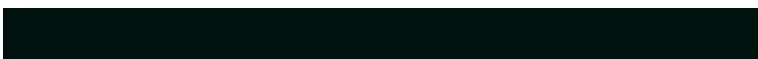
2850977



4805200



37236



4622



# Inverse Universe

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



10562371



13703487



10570795



5392715



9502750

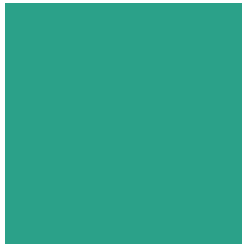


1179652



# Previews

## White Background



This preview shows how the Decimal color 2859401 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



This preview shows how the Decimal color 2859401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

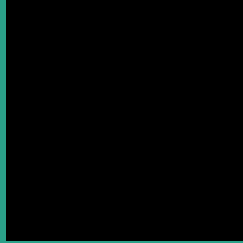
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2859401 Background



This preview shows how black text looks on a background with the Decimal color 2859401.

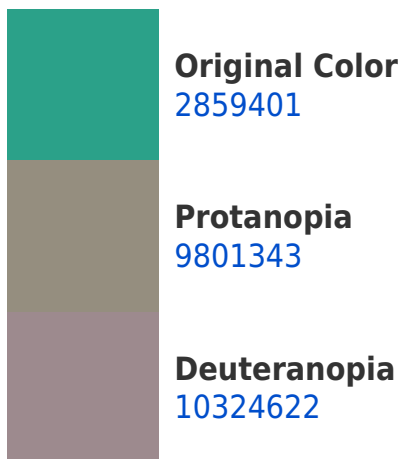


This preview shows how white text looks on a background with the Decimal color 2859401.

# 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**  
3972265

# Trichromacy



**Original Color**

2859401



**Protanomaly**

7247235



**Deuteranomaly**

7639692



**Tritanomaly**

3579549

# Monochromacy



**Original Color**

2859401



**Achromatopsia**

8092539



**Achromatomaly**

6195584

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2859401 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 #2BA189 looks like.

```
.text, #text, p{  
  color:#2BA189  
}
```

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 #2BA189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA189
}
```

## Border

The CSS property to change the border of an element to Decimal 2859401 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
#2BA189 }
```

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

```
.border{ border-color:#2BA189 }
```

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

Here you see how a box with a 4 pixel #2BA189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA189; -webkit-box-shadow:4px 4px  
4px 4px #2BA189; box-shadow:4px 4px 4px  
4px #2BA189 }
```

# Background

The CSS property to change the background color of an element to Decimal 2859401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA189 }
```

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

```
.background{ background-color:#2BA189 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor