

# Converting Colors

Decimal(809305)

Have a look what the booklet for  
Decimal(809305) contains.

<b>Decimal(809305)</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(809305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C5959
RGB	12, 89, 89
RGB Percent	5%, 35%, 35%
CMY	0.9529, 0.6510, 0.6510
CMYK	0.87, 0.00, 0.00, 0.65
HSL	180°, 76%, 20%
HSV	180°, 87%, 35%
XYZ	5.5272, 7.9442, 10.6933
YIQ	65.9770, -45.8920, -16.3240

# Conversions

## Conversions Part 2

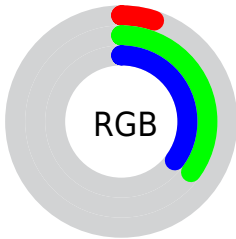
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 51, 89
Decimal	809305
CIELab	33.87, -21.23, -6.30
CIElCh	34, 22.143, 196.523
Yxy	7.9442, 0.2287, 0.3288
Android (android.graphics.Color)	4278999385 (0xFF0C5959)
YUV	65.9770, 11.3503, -47.3378
Hunter-Lab	28.1854, -14.3206, -2.7642

# Details

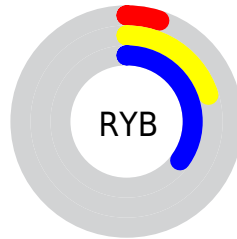
The Decimal color **809305** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5835788**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **4819851**, and **11052** is the 20% darker color. If you saturate the color by 10%, you get **219481**, and if you desaturate by 10%, it is **1399129**.

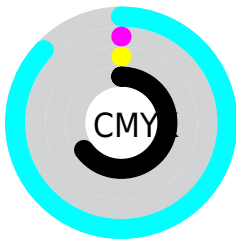
# Distribution



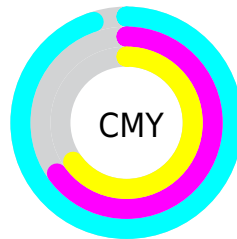
- Red (5%)
- Green (35%)
- Blue (35%)



- Red (5%)
- Yellow (20%)
- Blue (35%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 809305 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 809305 by changing the saturation by 10% instead.





809305



809305

16777215



16706



4819851



11052



6596261



5911



8307136



0



10149340



11991801



13828095



15728639



809305



809305

■ 219481

■ 1399129

■ 22873

■ 1988953

■ 2578777

■ 3168601

■ 3758425

■ 4282713

■ 4872537

■ 5462361

■ 6052185

# Harmonies

## Analogous

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



2578503



809305



481129

# Triad

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



809305



6178920



6442030

# Complementary

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



809305



5835788

# 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.



7226935



809305



7160664

# Square

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



809305



4607601



7488071



5329453

# Rectangle

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



809305



1922415



7488071



6769200



# Sweetspot

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



809305



5600115



809228



2636603



12237498



3881787



# Same Dimension

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



809305



29555



799321



2566955



27499



60395



# Inverse Universe

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



5835865



7536755



5845516



2828075



7012459

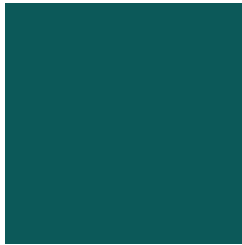


15401195



# Previews

## White Background



This preview shows how the Decimal color 809305 looks on a white background.

### Color Contrast Check

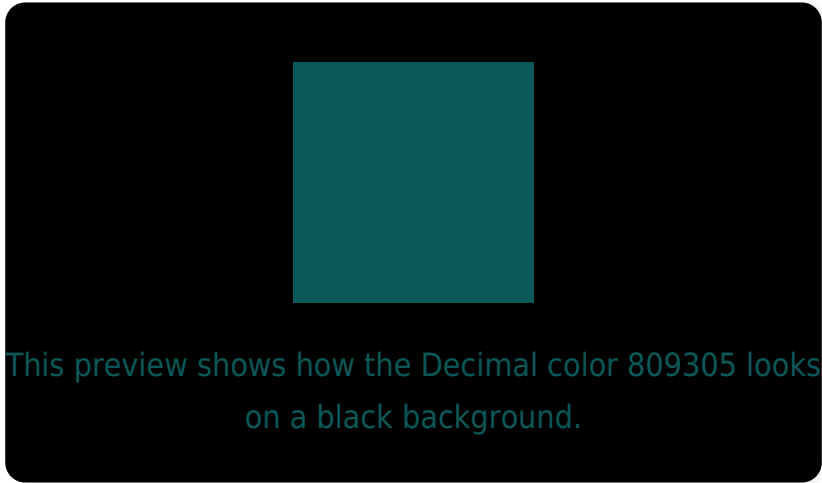
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

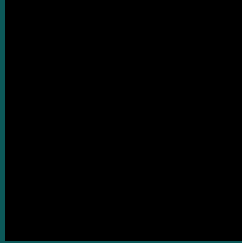
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 809305 Background



This preview shows how black text looks on a background with the Decimal color 809305.

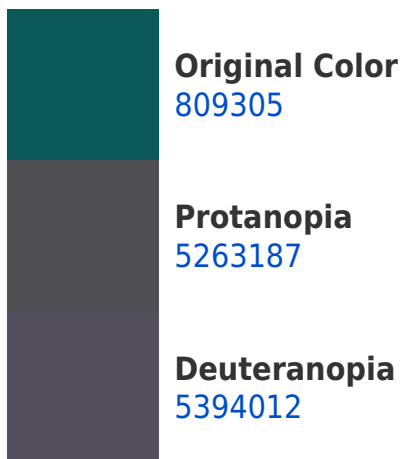



This preview shows how white text looks on a background with the Decimal color 809305.

# 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](#).

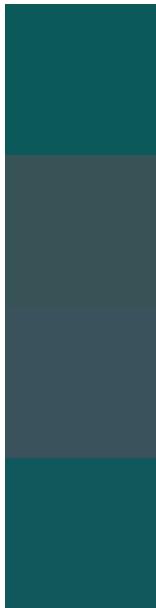
## Dichromacy





**Tritanopia**  
1333343

# Trichromacy



**Original Color**  
809305

**Protanomaly**  
3625813

**Deuteranomaly**  
3756635

**Tritanomaly**  
1136733

# Monochromacy



**Original Color**  
809305

**Achromatopsia**  
4342338

**Achromatomaly**  
3033674

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 809305 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 #0C5959 looks like.

```
.text, #text, p{  
    color:#0C5959  
}
```

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 #0C5959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5959
}
```

## Border

The CSS property to change the border of an element to Decimal 809305 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
#0C5959 }
```

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

```
.border{ border-color:#0C5959 }
```

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

Here you see how a box with a 4 pixel #0C5959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5959; -webkit-box-shadow:4px 4px  
4px 4px #0C5959; box-shadow:4px 4px 4px  
4px #0C5959 }
```

# Background

The CSS property to change the background color of an element to Decimal 809305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5959 }
```

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

```
.background{ background-color:#0C5959 }
```

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