

# Converting Colors

Decimal(2201003)

Have a look what the booklet for  
Decimal(2201003) contains.

<b>Decimal(2201003)</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(2201003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2195AB
RGB	33, 149, 171
RGB Percent	13%, 58%, 67%
CMY	0.8706, 0.4157, 0.3294
CMYK	0.81, 0.13, 0.00, 0.33
HSL	190°, 68%, 40%
HSV	190°, 81%, 67%
XYZ	18.7253, 24.7585, 42.3200
YIQ	116.8240, -76.1980, -17.7500

# Conversions

## Conversions Part 2

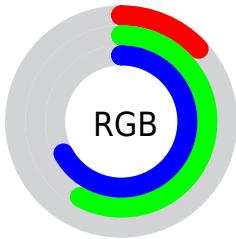
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 96, 171
Decimal	2201003
CIELab	56.84, -23.02, -20.37
CIELCh	57, 30.743, 221.502
Yxy	24.7585, 0.2182, 0.2885
Android (android.graphics.Color)	4280391083 (0xFF2195AB)
YUV	116.8240, 26.7088, -73.5136
Hunter-Lab	49.7579, -19.9017, -15.5967

# Details

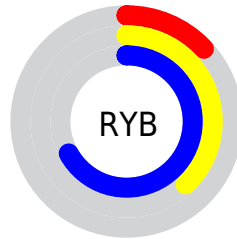
The Decimal color **2201003** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11220769**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6802402**, and **25207** is the 20% darker color. If you saturate the color by 10%, you get **1086123**, and if you desaturate by 10%, it is **3315883**.

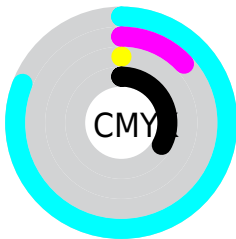
# Distribution



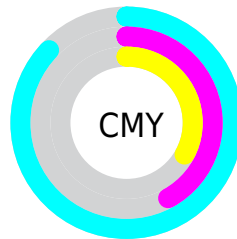
- Red (13%)
- Green (58%)
- Blue (67%)



- Red (13%)
- Yellow (38%)
- Blue (67%)



- Cyan (81%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (42%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2201003 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 2201003 by changing the saturation by 10% instead.



■ 2201003

■ 2201003

16777215

■ 31632

■ 6802402

■ 25207

■ 8775935

■ 19038

■ 10682367

■ 13126

■ 12648447

■ 7984

■ 14614527

■ 283

■ 16580607

■ 0

■ 2201003

■ 2201003

■ 1086123

■ 3315883

■ 37035

■ 4430507

■ 5545387

■ 6660267

■ 7840683

■ 8955307

■ 10070187

■ 11185067

■ 12299947

# Harmonies

## Analogous

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



3053458



2201003



4624571

# Triad

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



2201003



11695770



9472595

# Complementary

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



2201003



11220769

# 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.



11108694



2201003



12416127

# Square

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



2201003



10059441



12154982



7508319

# Rectangle

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



2201003



6589374



12154982



10061650



# Sweetspot

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



2201003



11130334



2206518



5270384



15790320



7368816



# Same Dimension

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



2201003



507102



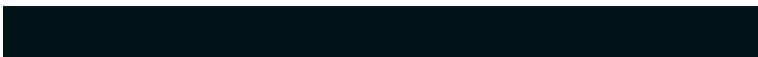
2183595



5133655



32406



4887



# Inverse Universe

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



11215253



14550972



11238177



5721685



9830526



1507347



# Previews

## White Background



This preview shows how the Decimal color 2201003 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 2201003 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

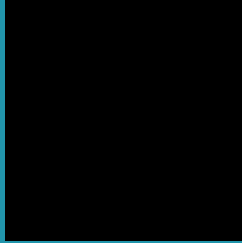
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2201003 Background



This preview shows how black text looks on a background with the Decimal color 2201003.

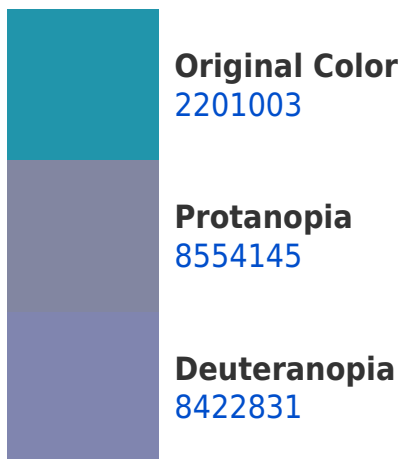


This preview shows how white text looks on a background with the Decimal color 2201003.

# 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](#).

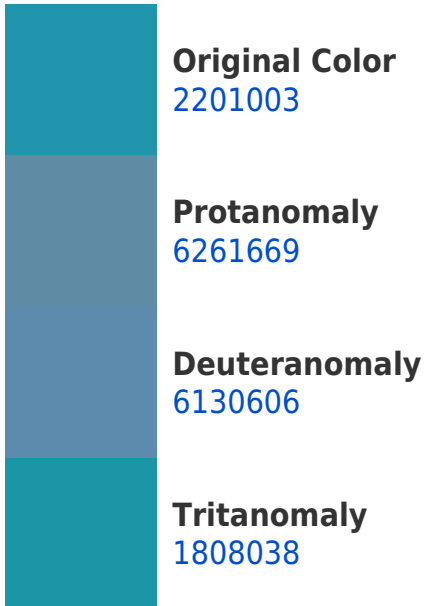
## Dichromacy





**Tritanopia**  
1545891

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2201003 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 #2195AB looks like.

```
.text, #text, p{  
    color:#2195AB  
}
```

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 #2195AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2195AB
}
```

## Border

The CSS property to change the border of an element to Decimal 2201003 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
#2195AB }
```

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

```
.border{ border-color:#2195AB }
```

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

Here you see how a box with a 4 pixel #2195AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2195AB; -webkit-box-shadow:4px 4px  
4px 4px #2195AB; box-shadow:4px 4px 4px  
4px #2195AB }
```

# Background

The CSS property to change the background color of an element to Decimal 2201003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2195AB }
```

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

```
.background{ background-color:#2195AB }
```

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