

# Converting Colors

Decimal(2203591)

Have a look what the booklet for  
Decimal(2203591) contains.

<b>Decimal(2203591)</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(2203591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	219FC7
RGB	33, 159, 199
RGB Percent	13%, 62%, 78%
CMY	0.8706, 0.3765, 0.2196
CMYK	0.83, 0.20, 0.00, 0.22
HSL	194°, 72%, 45%
HSV	194°, 83%, 78%
XYZ	23.3341, 29.2431, 58.4475
YIQ	125.8860, -87.9360, -14.2720

# Conversions

## Conversions Part 2

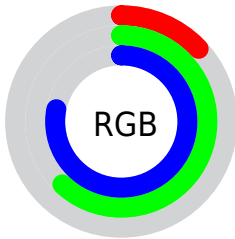
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 105, 199
Decimal	2203591
CIE <sub>Lab</sub>	61.00, -18.80, -29.79
CIE <sub>LCh</sub>	61, 35.226, 237.748
Yxy	29.2431, 0.2102, 0.2634
Android (android.graphics.Color)	4280393671 (0xFF219FC7)
YUV	125.8860, 36.0452, -81.4610
Hunter-Lab	54.0769, -17.6120, -26.2281

# Details

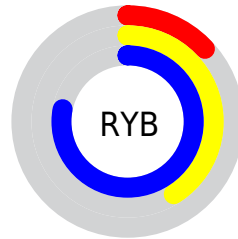
The Decimal color **2203591** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **13060385**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **7132927**, and **27537** is the 20% darker color. If you saturate the color by 10%, you get **891591**, and if you desaturate by 10%, it is **3515591**.

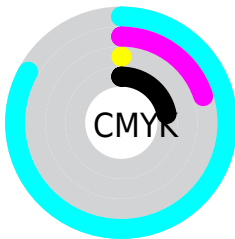
# Distribution



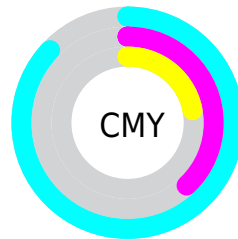
- Red (13%)
- Green (62%)
- Blue (78%)



- Red (13%)
- Yellow (41%)
- Blue (78%)



- Cyan (83%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (38%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2203591 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 2203591 by changing the saturation by 10% instead.



■ 2203591

■ 2203591

16777215

■ 34220

■ 7132927

■ 27537

■ 9171711

■ 21367

■ 11206655

■ 15454

■ 13172735

■ 9798

■ 15138815

■ 2864

■ 282

■ 0

■ 2203591

■ 2203591

■ 891591

■ 3515591

■ 38855

■ 4827591

■ 6139335

■ 7451335

■ 8763335

■ 10009799

■ 11321799

■ 12633543

■ 13945543

# Harmonies

## Analogous

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



41903



2203591



6395857

# Triad

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



2203591



13400983



9083483

# Complementary

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



2203591



13060385

# 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.



11178324



2203591



13598072

# Square

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



2203591



12091829



12748383



6660209

# Rectangle

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



2203591



8687822



12748383



9803607

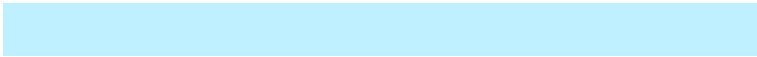


# Sweetspot

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



2203591



12579071



2213704



5863040



0



8421504

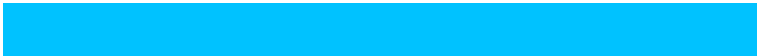


# Same Dimension

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



2203591



49919



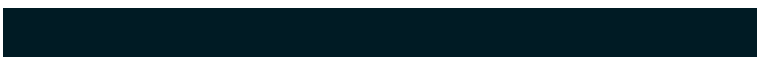
2182599



5923171



31907



6948



# Inverse Universe

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



13050271



16711874



13081377



6511201



10682492



2359323



# Previews

## White Background



This preview shows how the Decimal color 2203591 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 2203591 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

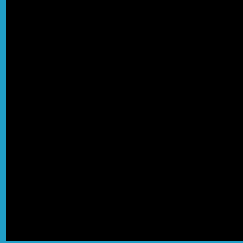
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2203591 Background



This preview shows how black text looks on a background with the Decimal color 2203591.



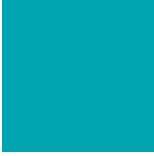
This preview shows how white text looks on a background with the Decimal color 2203591.

# 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](#).

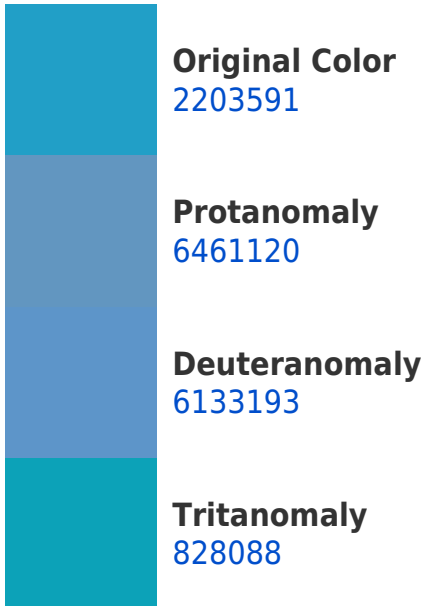
## Dichromacy



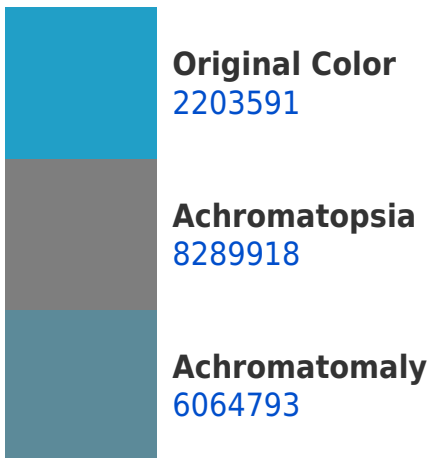


**Tritanopia**  
41904

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2203591 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 #219FC7 looks like.

```
.text, #text, p{  
    color:#219FC7  
}
```

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 #219FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219FC7
}
```

## Border

The CSS property to change the border of an element to Decimal 2203591 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
#219FC7 }
```

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

```
.border{ border-color:#219FC7 }
```

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

Here you see how a box with a 4 pixel #219FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219FC7; -webkit-box-shadow:4px 4px  
4px 4px #219FC7; box-shadow:4px 4px 4px  
4px #219FC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 2203591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219FC7 }
```

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

```
.background{ background-color:#219FC7 }
```

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