

# Converting Colors

Decimal(4376214)

Have a look what the booklet for  
Decimal(4376214) contains.

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# **Color**

**Decimal(4376214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42C696
RGB	66, 198, 150
RGB Percent	26%, 78%, 59%
CMY	0.7412, 0.2235, 0.4118
CMYK	0.67, 0.00, 0.24, 0.22
HSL	158°, 54%, 52%
HSV	158°, 67%, 78%
XYZ	27.9459, 43.7484, 35.8256
YIQ	153.0600, -63.2640, -42.9120

# Conversions

## Conversions Part 2

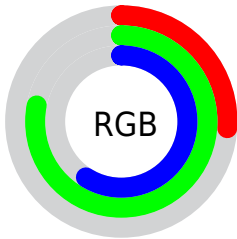
Format	Color
<a href="#">RYB</a>	66, 147, 198
Decimal	4376214
CIELab	72.06, -47.09, 13.75
CIELCh	72, 49.059, 163.717
Yxy	43.7484, 0.2599, 0.4069
Android (android.graphics.Color)	4282566294 (0xFF42C696)
YUV	153.0600, -1.5086, -76.3516
Hunter-Lab	66.1426, -40.3316, 14.1859

# Details

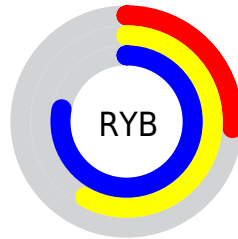
The Decimal color **4376214** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **12993138**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **8454092**, and **36707** is the 20% darker color. If you saturate the color by 10%, you get **3065487**, and if you desaturate by 10%, it is **5686941**.

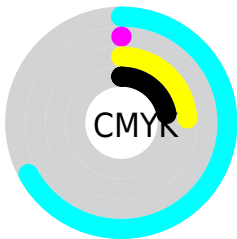
# Distribution



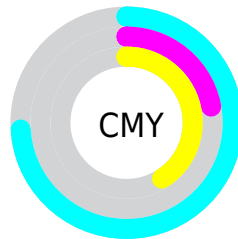
- Red (26%)
- Green (78%)
- Blue (59%)



- Red (26%)
- Yellow (58%)
- Blue (78%)



- Cyan (67%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (74%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4376214 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 4376214 by changing the saturation by 10% instead.





4376214



4376214

16777215



1616508



8454092



36707



10420200



30027



12386303



23348



14352383



16927



16318463



11272



3584



0



4376214



4376214

■ 3065487

■ 5686941

■ 1754760

■ 6997668

■ 509568

■ 8242860

■ 50814

■ 9553587

■ 10864314

■ 12175041

■ 13485768

■ 14730960

■ 16041687

# Harmonies

## Analogous

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



8831086



4376214



51396

# Triad

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



4376214



9219839



16553589

# Complementary

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



4376214



12993138

# 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.



16747678



4376214



13606386

# Square

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



4376214



48383



16224203



14722650

# Rectangle

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



4376214



50913



16224203



16748929

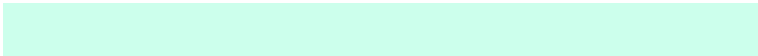


# Sweetspot

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



4376214



13434860



7521858



6389876



0



8421504



# Same Dimension

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



4376214



3407797



4371654



5923680



41832



9239



# Inverse Universe

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



12993138



16724861



12997698



6511197



10682427

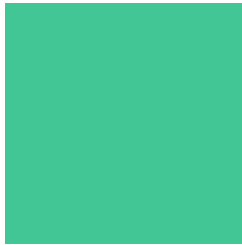


2359309



# Previews

## White Background



This preview shows how the Decimal color 4376214 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 4376214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

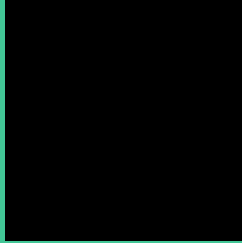
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4376214 Background



This preview shows how black text looks on a background with the Decimal color 4376214.



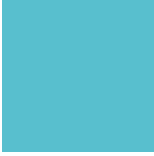
This preview shows how white text looks on a background with the Decimal color 4376214.

# 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](#).

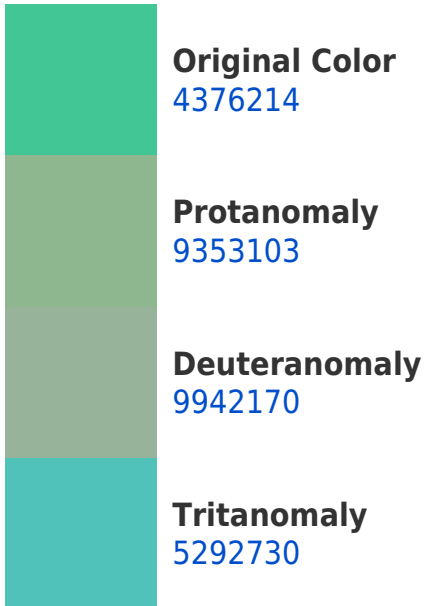
## Dichromacy



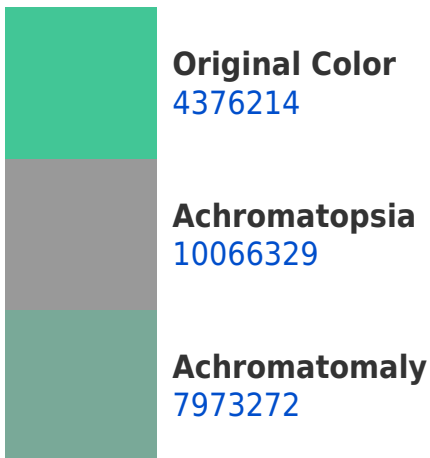


**Tritanopia**  
5816270

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4376214 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 #42C696 looks like.

```
.text, #text, p{  
    color:#42C696  
}
```

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 #42C696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C696
}
```

## Border

The CSS property to change the border of an element to Decimal 4376214 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
#42C696 }
```

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

```
.border{ border-color:#42C696 }
```

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

Here you see how a box with a 4 pixel #42C696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C696; -webkit-box-shadow:4px 4px  
4px 4px #42C696; box-shadow:4px 4px 4px  
4px #42C696 }
```

# Background

The CSS property to change the background color of an element to Decimal 4376214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C696 }
```

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

```
.background{ background-color:#42C696 }
```

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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