

# Converting Colors

Decimal(371894)

Have a look what the booklet for  
Decimal(371894) contains.

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# **Color**

**Decimal(371894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05ACB6
RGB	5, 172, 182
RGB Percent	2%, 67%, 71%
CMY	0.9804, 0.3255, 0.2863
CMYK	0.97, 0.05, 0.00, 0.29
HSL	183°, 95%, 37%
HSV	183°, 97%, 71%
XYZ	23.2586, 32.9147, 49.3833
YIQ	123.2070, -102.7420, -32.2940

# Conversions

## Conversions Part 2

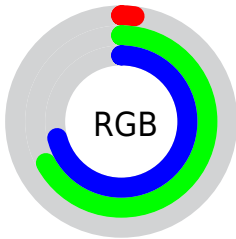
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 91, 182
Decimal	371894
CIELab	64.09, -32.48, -15.57
CIELCh	64, 36.023, 205.616
Yxy	32.9147, 0.2203, 0.3118
Android (android.graphics.Color)	4278561974 (0xFF05ACB6)
YUV	123.2070, 28.9849, -103.6675
Hunter-Lab	57.3713, -28.0351, -10.8749

# Details

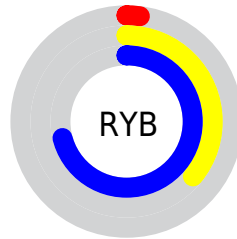
The Decimal color **371894** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11931397**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6546670**, and **30593** is the 20% darker color. If you saturate the color by 10%, you get **44214**, and if you desaturate by 10%, it is **1551798**.

# Distribution



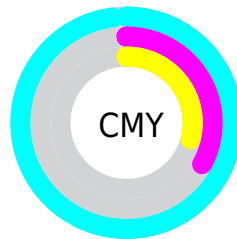
- Red (2%)
- Green (67%)
- Blue (71%)



- Red (2%)
- Yellow (36%)
- Blue (71%)



- Cyan (97%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)




- Cyan (98%)
- Magenta (33%)
- Yellow (29%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 371894 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 371894 by changing the saturation by 10% instead.





 371894  371894

16777215  37275

 6546670  30593

 8650751  24168

 10682367  18000

 12648447  11833

 14680063  6180

16646143  269

 0

 371894  371894

■ 44214

■ 1551798

■ 2731702

■ 3977142

■ 5157046

■ 6336950

■ 7516854

■ 8696758

■ 9942198

■ 11122102

# Harmonies

## Analogous

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



4369557



371894



2468047

# Triad

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



371894



12552640



11901019

# Complementary

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



371894



11931397

# 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.



13471079



371894



13992865

# Square

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



371894



9999829



14255233



9740896

# Rectangle

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



371894



5284825



14255233



12489821



# Sweetspot

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



371894



11069933



374286



5141880



16250871



7895160

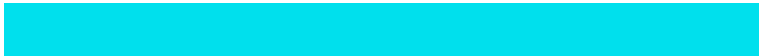


# Same Dimension

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



371894



57581



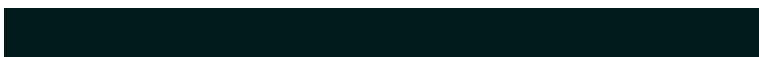
349622



5462876



37788



6684



# Inverse Universe

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



11929004



15532256



11953669



6050651



10223763



1835034



# Previews

## White Background



This preview shows how the Decimal color 371894 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 371894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

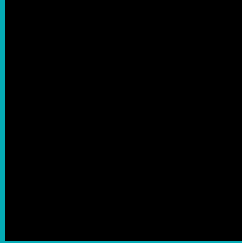
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 371894 Background



This preview shows how black text looks on a background with the Decimal color 371894.

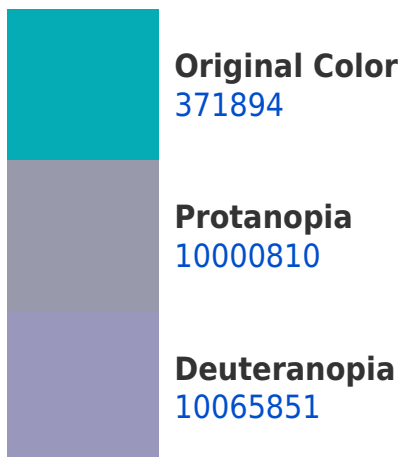


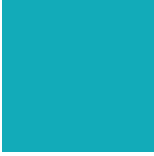
This preview shows how white text looks on a background with the Decimal color 371894.

# 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



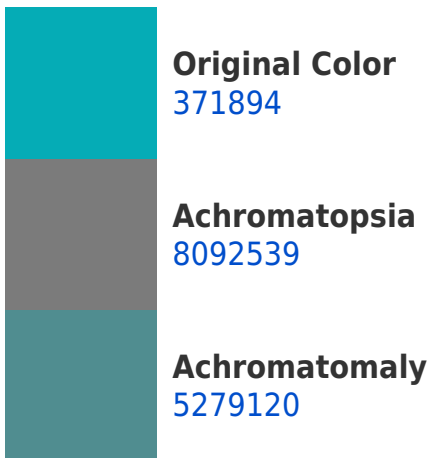


**Tritanopia**  
1223609

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 371894 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 #05ACB6 looks like.

```
.text, #text, p{  
    color:#05ACB6  
}
```

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 #05ACB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05ACB6
}
```

## Border

The CSS property to change the border of an element to Decimal 371894 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
#05ACB6 }
```

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

```
.border{ border-color:#05ACB6 }
```

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

Here you see how a box with a 4 pixel #05ACB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05ACB6; -webkit-box-shadow:4px 4px  
4px 4px #05ACB6; box-shadow:4px 4px 4px  
4px #05ACB6 }
```

# Background

The CSS property to change the background color of an element to Decimal 371894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05ACB6 }
```

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

```
.background{ background-color:#05ACB6 }
```

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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