

# Converting Colors

Decimal(3983001)

Have a look what the booklet for  
Decimal(3983001) contains.

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# **Color**

**Decimal(3983001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC699
RGB	60, 198, 153
RGB Percent	24%, 78%, 60%
CMY	0.7647, 0.2235, 0.4000
CMYK	0.70, 0.00, 0.23, 0.22
HSL	160°, 55%, 51%
HSV	160°, 70%, 78%
XYZ	27.8073, 43.6487, 37.0964
YIQ	151.6080, -67.8030, -43.2510

# Conversions

## Conversions Part 2

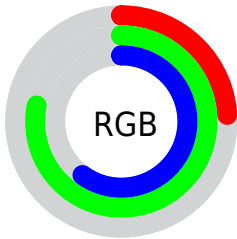
Format	Color
<a href="#">RYB</a>	<a href="#">60, 142, 198</a>
Decimal	<a href="#">3983001</a>
CIELab	<a href="#">71.99, -47.35, 12.03</a>
CIElCh	<a href="#">72, 48.856, 165.750</a>
Yxy	<a href="#">43.6487, 0.2562, 0.4021</a>
Android (android.graphics.Color)	<a href="#">4282173081 (0xFF3CC699)</a>
YUV	<a href="#">151.6080, 0.6863, -80.3402</a>
Hunter-Lab	<a href="#">66.0672, -40.4879, 12.9560</a>

# Details

The Decimal color **3983001** 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 **12991593**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **8191951**, and **36710** is the 20% darker color. If you saturate the color by 10%, you get **2672275**, and if you desaturate by 10%, it is **5293727**.

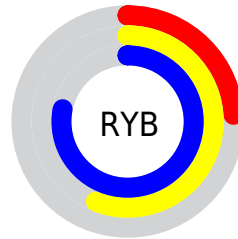
# Distribution



Red (24%)

Green (78%)

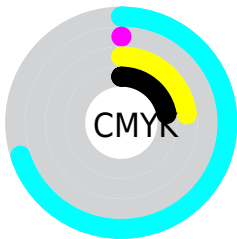
Blue (60%)



Red (24%)

Yellow (56%)

Blue (78%)

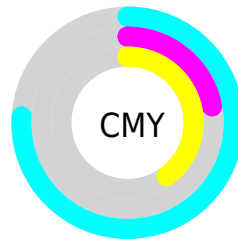


Cyan (70%)

Magenta (0%)

Yellow (23%)

Black (22%)



Cyan (76%)

Magenta (22%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3983001 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 3983001 by changing the saturation by 10% instead.





3983001



3983001

16777215



436863



8191951



36710



10158060



30030



12124159



23351



14090239



16929



16056319



11276



3328



0



3983001



3983001

■ 2672275

■ 5293727

■ 1361548

■ 6604454

■ 116358

■ 7849644

■ 50821

■ 9160371

■ 10471097

■ 11781824

■ 13092550

■ 14337741

■ 15648467

# Harmonies

## Analogous

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



8568944



3983001



51143

# Triad

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



3983001



9612799



16488306

# Complementary

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



3983001



12991593

# 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.



16747675



3983001



13802735

# Square

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



3983001



2145279



16355016



14591577

# Rectangle

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



3983001



50915



16355016



16749183

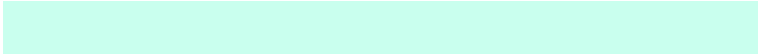


# Sweetspot

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



3983001



13238254



6997564



6324341



0



8421504



# Same Dimension

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



3983001



2752441



3977158



5923680



41838



9240



# Inverse Universe

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



12991593



16722287



12997436



6511197



10682421

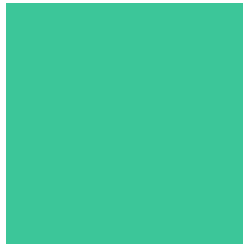


2359308



# Previews

## White Background



This preview shows how the Decimal color 3983001 looks on a white background.

## Color Contrast Check

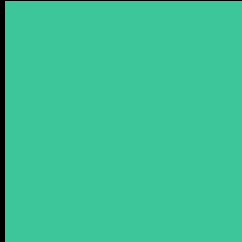
Large Text (above 18pt) WCAG AA × Fail

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 3983001 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 3983001 Background



This preview shows how black text looks on a background with the Decimal color 3983001.



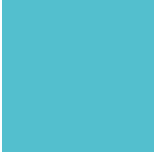
This preview shows how white text looks on a background with the Decimal color 3983001.

# 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**  
5488590

# Trichromacy



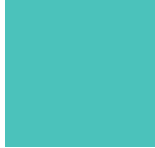
**Original Color**  
3983001



**Protanomaly**  
9222034



**Deuteranomaly**  
9745565



**Tritanomaly**  
4965051

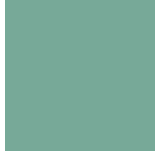
# Monochromacy



**Original Color**  
3983001



**Achromatopsia**  
10000536



**Achromatomaly**  
7842200

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3983001 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 #3CC699 looks like.

```
.text, #text, p{  
    color:#3CC699  
}
```

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 #3CC699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC699
}
```

## Border

The CSS property to change the border of an element to Decimal 3983001 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
#3CC699 }
```

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

```
.border{ border-color:#3CC699 }
```

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

Here you see how a box with a 4 pixel #3CC699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC699; -webkit-box-shadow:4px 4px  
4px 4px #3CC699; box-shadow:4px 4px 4px  
4px #3CC699 }
```

# Background

The CSS property to change the background color of an element to Decimal 3983001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC699 }
```

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

```
.background{ background-color:#3CC699 }
```

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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