

# Converting Colors

Decimal(5876894)

Have a look what the booklet for  
Decimal(5876894) contains.

<b>Decimal(5876894)</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(5876894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59AC9E
RGB	89, 172, 158
RGB Percent	35%, 67%, 62%
CMY	0.6510, 0.3255, 0.3804
CMYK	0.48, 0.00, 0.08, 0.33
HSL	170°, 33%, 51%
HSV	170°, 48%, 67%
XYZ	25.0439, 34.0975, 37.6093
YIQ	145.5870, -44.9740, -21.9500

# Conversions

## Conversions Part 2

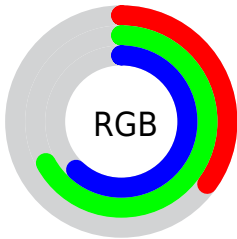
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 134, 172
Decimal	5876894
CIELab	65.04, -28.76, -0.60
CIElCh	65, 28.770, 181.201
Yxy	34.0975, 0.2588, 0.3524
Android (android.graphics.Color)	4284066974 (0xFF59AC9E)
YUV	145.5870, 6.1196, -49.6268
Hunter-Lab	58.3931, -25.6320, 2.6882

# Details

The Decimal color **5876894** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11295079**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **9495765**, and **1996651** is the 20% darker color. If you saturate the color by 10%, you get **4762779**, and if you desaturate by 10%, it is **6991009**.

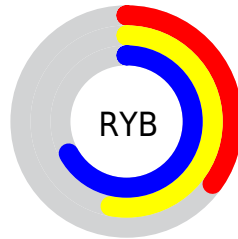
# Distribution



Red (35%)

Green (67%)

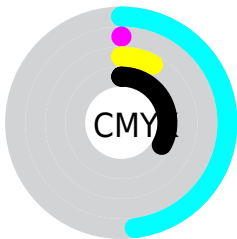
Blue (62%)



Red (35%)

Yellow (53%)

Blue (67%)

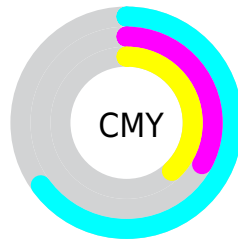


Cyan (48%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5876894 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 5876894 by changing the saturation by 10% instead.





5876894



5876894

16777215



4034948



9495765



1996651



11337713



24147



13238271



17980



15138815



12070



6929



0



5876894



5876894



4762779



6991009

■ 3648664

■ 8105124

■ 2469013

■ 9284775

■ 1354898

■ 10398890

■ 240783

■ 11513005

■ 44175

■ 12627119

■ 13741234

■ 14920885

■ 16035000

# Harmonies

## Analogous

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



7711364



5876894



4893624

# Triad

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



5876894



10721226



12883058

# Complementary

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



5876894



11295079

# 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.



13667716



5876894



12619703

# Square

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



5876894



8298705



13601694



11509098

# Rectangle

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



5876894



5351877



13601694



13275511



# Sweetspot

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



5876894



12706011



6859865



6123629



15790320



7368816



# Same Dimension

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



5876894



6217930



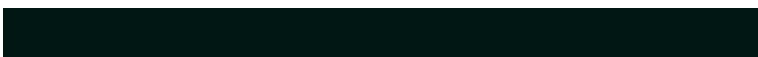
5870252



5134165



38525



5907



# Inverse Universe

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



11295079



14704244



11301721



5721679



9830425

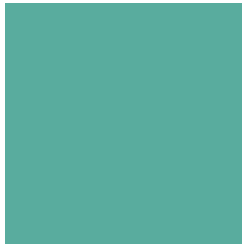


1507332



# Previews

## White Background



This preview shows how the Decimal color 5876894 looks on a white background.

## Color Contrast Check

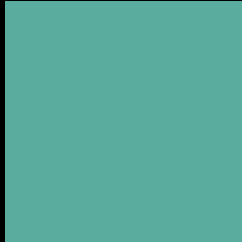
Large Text (above 18pt) WCAG AA × Fail

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 5876894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

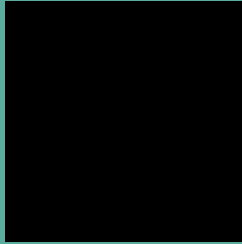
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5876894 Background



This preview shows how black text looks on a background with the Decimal color 5876894.




This preview shows how white text looks on a background with the Decimal color 5876894.

# 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**  
6334646

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5876894 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 #59AC9E looks like.

```
.text, #text, p{  
  color:#59AC9E  
}
```

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 #59AC9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59AC9E
}
```

## Border

The CSS property to change the border of an element to Decimal 5876894 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
#59AC9E }
```

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

```
.border{ border-color:#59AC9E }
```

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

Here you see how a box with a 4 pixel #59AC9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59AC9E; -webkit-box-shadow:4px 4px  
4px 4px #59AC9E; box-shadow:4px 4px 4px  
4px #59AC9E }
```

# Background

The CSS property to change the background color of an element to Decimal 5876894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59AC9E }
```

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

```
.background{ background-color:#59AC9E }
```

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