

# Converting Colors

Decimal(5886902)

Have a look what the booklet for  
Decimal(5886902) contains.

<b>Decimal(5886902)</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(5886902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D3B6
RGB	89, 211, 182
RGB Percent	35%, 83%, 71%
CMY	0.6510, 0.1725, 0.2863
CMYK	0.58, 0.00, 0.14, 0.17
HSL	166°, 58%, 59%
HSV	166°, 58%, 83%
XYZ	35.8576, 52.0898, 52.4204
YIQ	171.2160, -63.4030, -34.8830

# Conversions

## Conversions Part 2

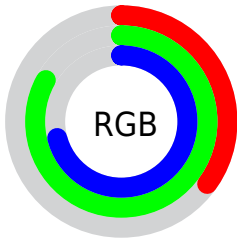
Format	Color
<a href="#">RYB</a>	<a href="#">89, 158, 211</a>
Decimal	<a href="#">5886902</a>
CIELab	<a href="#">77.33, -41.02, 4.17</a>
CIELCh	<a href="#">77, 41.230, 174.194</a>
Yxy	<a href="#">52.0898, 0.2555, 0.3711</a>
Android (android.graphics.Color)	<a href="#">4284076982 (0xFF59D3B6)</a>
YUV	<a href="#">171.2160, 5.3165, -72.1034</a>
Hunter-Lab	<a href="#">72.1732, -37.6196, 7.4581</a>

# Details

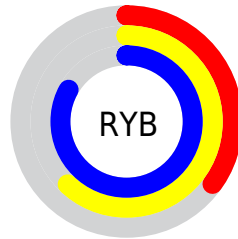
The Decimal color **5886902** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13850998**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **9830382**, and **105601** is the 20% darker color. If you saturate the color by 10%, you get **4510641**, and if you desaturate by 10%, it is **7263163**.

# Distribution



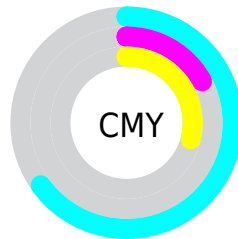
- Red (35%)
- Green (83%)
- Blue (71%)



- Red (35%)
- Yellow (62%)
- Blue (83%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (17%)



- Cyan (65%)
- Magenta (17%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5886902 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 5886902 by changing the saturation by 10% instead.





5886902



5886902

16777215



3717019



9830382



105601



11730943



33128



13697023



26448



15663103



20025



13860



8463



0



5886902



5886902

4510641

7263163

3134380

8639424

1758119

10015685

381858

11391946

54177

12833743

14210004

15586265

16765918

16765923

# Harmonies

## Analogous

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



9228177



5886902



2020317

# Triad

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



5886902



12171519



16559490

# Complementary

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



5886902



13850998

# 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.



16753570



5886902



15248108

# Square

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



5886902



8046079



16753352



14662259

# Rectangle

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



5886902



1954035



16753352



16755083

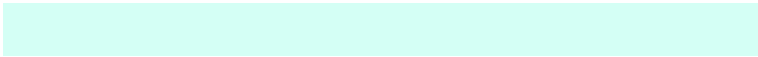


# Sweetspot

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



5886902



13959157



7918425



6717561



0



8421504



# Same Dimension

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



5886902



5242837



5878995



6187366



43136



10527



# Inverse Universe

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



13850998



16732025



13858905



6905441



11010088

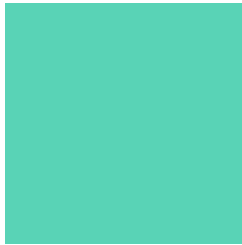


2686986



# Previews

## White Background



This preview shows how the Decimal color 5886902 looks on a white background.

## Color Contrast Check

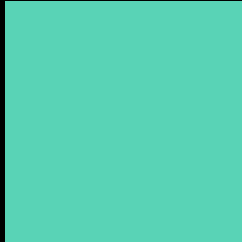
Large Text (above 18pt) WCAG AA × Fail

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 5886902 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 5886902 Background



This preview shows how black text looks on a background with the Decimal color 5886902.



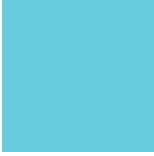
This preview shows how white text looks on a background with the Decimal color 5886902.

# 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**  
6802910

# Trichromacy



**Original Color**  
5886902



**Protanomaly**  
10405294



**Deuteranomaly**  
10863290

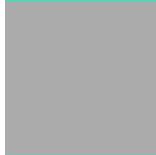


**Tritanomaly**  
6475727

# Monochromacy



**Original Color**  
5886902



**Achromatopsia**  
11250603



**Achromatomaly**  
9288367

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5886902 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 #59D3B6 looks like.

```
.text, #text, p{  
    color:#59D3B6  
}
```

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 #59D3B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D3B6  
}
```

## Border

The CSS property to change the border of an element to Decimal 5886902 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  
#59D3B6 }
```

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

```
.border{ border-color:#59D3B6 }
```

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

Here you see how a box with a 4 pixel #59D3B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D3B6; -webkit-box-shadow:4px 4px  
4px 4px #59D3B6; box-shadow:4px 4px 4px  
4px #59D3B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 5886902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D3B6 }
```

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

```
.background{ background-color:#59D3B6 }
```

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